FREP

REPORT #14

August 2008

FOREST AND RANGE EVALUATION PROGRAM

TREE SPECIES COMPOSITION AND DIVERSITY IN BRITISH COLUMBIA

BRITISH COLUMBIA

The Best Place on Earth

Sustainability of Forest and Range Resources Through Science and Stewardship

MINISTRY OF FORESTS AND RANGE
FOREST AND RANGE EVALUATION PROGRAM

TREE SPECIES COMPOSITION AND DIVERSITY IN BRITISH COLUMBIA

FREP'S MISSION IS TO BE A WORLD LEADER IN RESOURCE STEWARDSHIP MONITORING AND EFFECTIVENESS EVALUATIONS; PROVIDING THE SCIENCE-BASED INFORMATION NEEDED FOR DECISION-MAKING AND CONTINUOUS IMPROVEMENT OF BRITISH COLUMBIA'S FOREST AND RANGE PRACTICES, POLICIES AND LEGISLATION

BRITISH COLUMBIA
The Best Place on Earth

The use of trade, firm, or corporation names in this publication is for the information and convenience of the reader. Such use does not constitute an official endorsement or approval by the Government of British Columbia of any product or service to the exclusion of any others that may also be suitable. Contents of this report are presented for discussion purposes only. Funding assistance does not imply endorsement of any statements or information contained herein by the Government of British Columbia.

Management of forest and range resources is a complex process that often involves the balancing of ecological, social, and economic considerations. This evaluation report represents one facet of this process. Based on monitoring data and analysis, the Timber resource value team offers the following recommendations to those who develop and implement forest and range management policy, plans, and practices.

Library and Archives Canada Cataloguing in Publication Data

Tree Species Composition and Diversity in British Columbia
(FREP report ; #14)

At head of title: Ministry of Forests and Range, Forest and Range Evaluation Program.
Issued also on the internet
Includes biographical references: p.
ISBN 978-0-7726-6050-3

1. Forests and forestry - British Columbia. 2. Forest surveys - British Columbia. 3. Biodiversity - Monitoring - British Columbia. 4. Forest management - Environmental aspects - British Columbia. 5. Forest ecology - British Columbia. I. Co-Author(s). II. British Columbia. Ministry of Forests and Range. III. British Columbia. Forest and Range Evaluation Program. IV. Title. V. Series.

SD438.B7D46 2008 333.7509711 C2008-960133-5

Citation:
B.C. Ministry of Forests & Range. 2008. Tree Species Composition and Diversity in British Columbia. B.C. Min. For. Ran., For. Prac. Br., Victoria, B.C. FREP.
<http://www.for.gov.bc.ca/hfp/frep/publications/index.htm>

Prepared by
See Acknowledgements for complete list of contributors

Copies of this report may be obtained, depending on supply, from:
Government Publications
PO Box 9452, Stn Prov Govt
Victoria BC V8W 9V7

In Victoria (250) 387-6409
Outside Victoria 1-800-663-6105

http://www.publications.gov.bc.ca

For more information on Forest Practices Branch publications, visit our web site at:
http://www.for.gov.bc.ca/hfp/meta/publications.htm

© 2008 Province of British Columbia

ACKNOWLEDGEMENTS

We acknowledge the support and contributions made by the following individuals:

- Forest and Range Evaluation Program (FREP) Timber Resource Value Team (Frank Barber - Team Lead, Ralph Winter, Leslie McAuley, Tim Ebata)
- Tom Niemann, R.P.F., Ministry of Forests and Range (Forest Practices Branch)
- Mei-Ching Tsoi, Contractor, Ministry of Forests and Range
- David Coster, Timberline, Forest Inventory Consultants
- Jules Mullin, JMG Group Consulting Ltd.

EXECUTIVE SUMMARY

This report examines the question: **are our forest management practices resulting in a substantial change in the tree species composition of our forests?** With increased intensity of silviculture practices, increased use of planting and decreased reliance on natural regeneration, are we affecting change that will result in outcomes that we do not understand? If we are simplifying forest ecosystems, are we reducing biological diversity? Maintaining diversity to manage risk is a practical approach to managing uncertainty. This report provides insight on trends in tree species composition as we move from natural to managed forests.

"Are our forest management practices resulting in a substantial change in the tree species composition of our forests?"

Silviculture in British Columbia has been undertaken under different policy regimes and it is important to understand the impacts of those regimes. For this reason, information is presented in this report pertaining to three major time periods:

- Prior to 1987, when government had the primary silvicultural obligation;
- 1987 to 1995, representing the beginning period of licensee obligation; and
- After 1995, coinciding with implementation of the Forest Practices Code and before the implementation of the Forest and Range Practices Act.

This report is an update following a similar style of reporting as the Ministry of Forests 1992 Report **"British Columbia's Forests: Monocultures or Mixed Forests?"**

A primary goal of this report is to provide a comparison of the proportion of one tree species dominated stands (referred to as the monoculture category) and mixed tree species stands, by addressing their species composition before and after harvest. Information in this report came from the ***Reporting Silviculture Updates and Landstatus Tracking System*** (RESULTS) which contains licensee, BCTS and ministry submitted information on the pre-harvest tree species and free growing tree species compositions on cut blocks logged over the past 30 years.

In RESULTS only 2 species are reported for the pre-harvest tree species labels and up to six species are currently reported under the free growing stand label. For the purposes of this report only the first two species (leading and secondary) are utilized. Any present stand label with a leading species percentage of 81% or greater is assigned to the monoculture category. Conversely, any present stand label with a leading species percentage of less than 81% is assigned to the mixed stand categories. Monoculture and mixed stands are also grouped into conifer and deciduous categories.

Overall, approximately 31% of the forests in the Province are considered as a monoculture before any harvesting has occurred. The overall amount of area across the Province that is classified as a monoculture at free growing for all reporting years has decreased by 4% to 27%. When summarizing areas based on post-1987 reporting years only, 26% of the forests across the Province are considered as a monoculture before any harvesting has occurred. The amount of area that is classified as a monoculture at free growing has increased by 9% on areas harvested since 1987.

The report indicates for all time periods that there are four TSAs that have shown a significant increase (i.e. greater than 6% increase) in monocultures. The report indicates that there are 16 TSAs that have shown a significant increase in monocultures on areas harvested after October 1, 1987. Even though this is an increase in the number of TSAs with significant increases in reported monocultures, the hectarages of these stands relative to the overall TSA land bases is quite small. It is recommended that District Managers monitor current species selection and deployment practices to ensure the production of forests that are consistent with forest management objectives and

strategies for sustainable timber value, volume, habitat, forest health and resilience. For each management unit, it would be a great benefit to conduct ongoing monitoring of trends and adjust Forest Stewardship plan stocking standards and reforestation strategies accordingly.

Only 7% of the forests are considered as monoculture before any harvesting has occurred in the Coast Forest Region. Overall, there is no significant change in the amount of monoculture prior to silviculture becoming a licensee and BCTS obligation. Overall, when comparing pre and post harvest conditions the amount of area that is classified as a monoculture in the Coast Forest Region at free growing has increased by roughly 2%.

Overall, approximately 27% of the forest in the Northern Interior Forest Region was classified as a monoculture before any harvesting occurred. Overall, there was only a 1% increase in the amount of area that is classified as a monoculture in the Northern Forest Interior Region when areas have achieved their free growing obligations. However, the amount of area that is classified as a monoculture at free growing has increased by 9% on areas harvested since 1987.

The amount of deciduous mixed stands at free growing in the Northern Forest Interior Region has increased significantly, from 2,811 hectares before harvest to 55,614 hectares at free growing.

Overall, approximately 38% of the forest land base in the Southern Interior Forest Region is classified as a monoculture before any harvesting has occurred. Overall, the amount of area in the Southern Interior Forest Region that has been identified as monoculture at free growing has decreased by 9%. However, the amount of area that is classified as a monoculture at free growing has increased by 9% on areas harvested since 1987.

The amount of deciduous mixed stands at free growing in the Southern Forest Interior Region, on the other hand, has increased significantly from 1,202 hectares before harvest to 37,268 hectares at free growing.

District Managers and forest managers need to carefully examine the trends in the types of forests they are harvesting and producing over time to determine if they are consistent with the management unit objectives for timber value, volume, habitat, forest health and resilience. Where these objectives are not clearly articulated, District Managers and forest managers need to clearly specify them in Future Forest Strategies, silviculture strategies and management plans. Forest Stewardship Plans and reforestation strategies need to be aligned with these objectives.

A further recommendation of this report is for Forest Practices Branch to develop a standard protocol for tracking the issue of monocultures at the management unit level to ensure appropriate species, stocking standards and diversity of species mix are planted out on the land base. A report such as this one should be produced on a 5-year basis.

TABLE OF CONTENTS

Acknowledgements iii

Executive Summary iv

1.0 Introduction 1

2.0 Practice of Silviculture 1

2.1 Harvesting 1

2.2 Planting 2

2.3 Natural Regeneration 2

3.0 Methods and Data 2

3.1 Free Growing Period 2

3.2 Monoculture and Mixed Stand 2

Past Stand Label 2

Present Stand Label 3

3.3 Data Sources 3

3.4 Data Limitations 3

4.0 Tree Species Diversity 4

4.1 British Columbia 4

Before Harvest – British Columbia 4

At Free Growing – British Columbia 5

4.2 British Columbia – Forest Regions 9

Coast Forest Region 9

Northern Interior Forest Region 11

Southern Interior Forest Region 13

5.0 Summary 15

5.1 British Columbia 15

5.2 Coast Forest Region 15

5.3 Northern Forest Region 15

5.4 Southern Forest Region 15

6.0 Recommendations 16

7.0 References 16

Appendix I. Tree Species Composition 17
I.a British Columbia 17
British Columbia – Before Harvest 17
British Columbia – At Free Growing 18
I.b Coast Forest Region 20
Coast Forest Region – Before Harvest 20
Coast Forest Region – At Free Growing 21
I.c Northern Interior Forest Region 22
Northern Interior Forest Region – Before Harvest 22
Northern Interior Forest Region – At Free Growing 23
I.d Southern Interior Forest Region 24
Southern Interior Forest Region – Before Harvest 24
Southern Interior Forest Region – At Free Growing 25
Appendix II. Detailed Species Composition Reports –British Columbia 26
Before Harvest – British Columbia (pre-1987) 26
At Free Growing – British Columbia (pre-1987) 29
Before Harvest – British Columbia (post-1987) 34
At Free Growing – British Columbia (post-1987) 37
Appendix III. Detailed Species Composition Reports –Coast Forest Region 40
Before Harvest – Coast Forest Region (pre-1987) 40
At Free Growing – Coast Forest Region (pre-1987) 41
Before Harvest – Coast Forest Region (post-1987) 43
At Free Growing – Coast Forest Region (post-1987) 44
Appendix IV. Detailed Species Composition Reports –Northern Interior Forest Region 45
Before Harvest – Northern Interior Forest Region (pre-1987) 45
At Free Growing – Northern Interior Forest Region (pre-1987) 47
Before Harvest – Northern Interior Forest Region (post-1987) 49
At Free Growing – Northern Interior Forest Region (post-1987) 50
Appendix V. Detailed Species Composition Reports –Southern Interior Forest Region 52
Before Harvest – Southern Interior Forest Region (pre-1987) 52
At Free Growing – Southern Interior Forest Region (pre-1987) 54
Before Harvest – Southern Interior Forest Region (post-1987) 59
At Free Growing – Southern Interior Forest Region (post-1987) 61
Appendix VI. Definition of Free Growing and Why it is so Important 65

List of Tables

1. RESULTS data extract overview (Source: Tsoi, May 2005) 3
2. Tree species diversity before harvest across all reporting periods, British Columbia 4
3. Tree species diversity at free growing across all reporting periods, British Columbia 5
4. Tree species diversity before harvest across all reporting periods, Coast Forest Region 9
5. Tree species diversity at free growing across all reporting periods, Coast Forest Region 10
6. Tree species diversity before harvest across all reporting periods, Northern Forest Region 11
7. Tree species diversity at free growing across all reporting periods, Northern Forest Region 12
8. Tree species diversity before harvest across all reporting periods, Southern Forest Region 13
9. Tree species diversity at free growing across all reporting periods, Southern Forest Region 14
10. Tree species composition before harvest across all reporting periods, British Columbia 17
11. Tree species composition at free growing across all reporting periods, British Columbia 18
12. Tree species composition before harvest across all reporting periods, Coast Region 20
13. Tree species composition at free growing across all reporting periods, Coast Region 21
14. Tree species composition before harvest across all reporting periods, Northern Region 22
15. Tree species composition at free growing across all reporting periods, Northern Region 23
16. Tree species composition before harvest across all reporting periods, Southern Region 24
17. Tree species composition at free growing across all reporting periods, Southern Region 25

List of Figures

1. Tree species diversity before harvest across each reporting period, British Columbia. 4
2. Tree species diversity at free growing across each reporting period, British Columbia. 5
3. Tree species diversity across all reporting periods, British Columbia. 6
4. Tree species diversity across the pre-1987 reporting period, British Columbia 7
5. Tree species diversity across post-1987 reporting period, British Columbia 8
6. Tree species diversity before harvest across each reporting period, Coast Region. 9
7. Tree species diversity at free growing across each reporting period, Coast Region. 10
8. Tree species diversity before harvest across each reporting period, Northern Region. 11
9. Tree species diversity at free growing across each reporting period, Northern Region. 12
10. Tree species diversity before harvest across each reporting period, Southern Region. 13
11. Tree species diversity at free growing across each reporting period, Southern Region. 14

1.0 INTRODUCTION

This report has been prepared to support several government programs. Provincial State of the Forests reporting, the *Forest and Range Practices Act* (FRPA) Forest and Range Evaluation Program (FREP), forest district level management of Forest Stewardship Planning, and the reporting on policy and practices developed in the Forest Practices Branch all contribute to, and benefit from, this report. It is hoped that forest practitioners will use this report to help in program planning to ensure operations support strategic goals. This report may also assist in the approval process for Forest Stewardship Plans.

An overarching goal of the government of British Columbia is to wisely manage the natural resources of the province to support current social goals, while not jeopardizing the natural environment or future opportunities. This is the essence of forest sustainability, which can be measured in many ways. A wide range of agencies are monitoring forest practices in various ways. This report deals with one particular sustainability issue: *Are our forest management practices resulting in a substantial change in the tree species?*

With increased use of planting and decreased reliance on natural regeneration, are we effecting change that will result in outcomes that we do not understand? If we are simplifying forest ecosystems, are we reducing biological diversity? Maintaining diversity to manage risk is a practical approach to uncertainty. This report provides insight on trends in tree species composition as we move from natural to managed forests.

Information is presented at different administrative levels in the sections below. First, reports at the provincial level provide overall levels of change in species composition. This will be of interest to those working at a national or international scale, as well as British Columbians who wish to better understand the broader picture. Information compiled at a provincial scale can hide regional or local trends. For this reason, similar information is presented at the regional level.

Silviculture in British Columbia has been undertaken under different policy regimes, each of which had different impacts. For this reason, information is presented pertaining to three major time periods:

1. before 1987, when government had the primary silvicultural obligation;
2. 1987 to 1995, representing the early period of licensee obligation; and
3. after 1995, coinciding with implementation of the Forest Practices Code and before the implementation of the *Forest Range and Practices Act*.

2.0 PRACTICE OF SILVICULTURE

2.1 *Harvesting*

While the *Forest and Range Practices Act* (FRPA) and Forest Planning and Practices Regulation (FPPR) have replaced the Forest Practices Code (FPC) and Operational and Site Planning Regulation (OSPR), the requirement to prepare a site plan to meet future forest stocking standards at the standards unit level has remained in place. Although stand establishment is now addressed at a larger scale (i.e., Forest Stewardship Plan [FSP]), localized site specific plans are still prepared by registered qualified professionals. Since 1987, forest companies and forest operators have been legally obligated to reforest areas that they have harvested on Crown land.

Before a forest company or forest license holder can begin harvesting, the operator must obtain a cutting permit. This legal permit approves harvesting in one or more cutblocks within a specific area. Reforestation obligations commence at the time of harvest, and end when the reforested stand of trees is declared to be "Free growing." Free growing obligations can be met either naturally (natural regeneration) or artificially (planting). Once a stand is declared to be free growing, the forest operator has no further responsibility for the stand (i.e., the stand reverts to the Crown). Free growing declarations are done by licensees and may be inspected by Compliance & Enforcement (C&E).

2.2 *Planting*

To address reforestation requirements for a particular harvest area, qualified professionals must first evaluate the area in question. For example, to establish which species best suits a site, a qualified professional may consider factors such as:

- the method employed to harvest the area;
- time periods within which the trees must be free growing;
- the location of the harvest area; and
- the method to reforest.

Since 1995, approximately 200,000 hectares have been planted in the province each year (*Just the Facts, A Review of Silviculture and Other Forestry Statistics*, April 2000). While planted species selection varies by ecosystem or site type, a number of different conifer and deciduous species are available for planting. In addition, any forest operator who uses seed or vegetative material to establish a stand under FRPA must apply the *Chief Forester's Standards for Seed Use* to maintain the identity, adaptability, diversity, and productivity of the province's gene resources. This ensures that the species and seed source selected for planting are adapted to the environment in which they are planted.

2.3 *Natural Regeneration*

Natural regeneration occurs by natural seeding from adjacent stands as well as from cones left on site by the previous stand. Often the deciding factor in this type of regeneration is the availability of a seed source. Large catastrophic events may limit natural regeneration from occuring since, in the case of a large-scale fire, many seed sources available for natural regeneration may be destroyed. For lodgepole pine, being a pioneer species, fire is the key reproductive strategy; the heat from fire opening the serotinuous cones and releasing the seeds inside. Over the past 7 years about 18% of new harvest areas are reforested through natural regeneration. The other 82% of new harvest areas are planted. Planted areas typically have an additional 1000-2000 trees regenerating naturally overtime creating additional diversity and stocking on planted areas.

Overall, approximately 27% of the harvested area in the province in 2000 was prescribed for natural regeneration (*Just the Facts, A Review of Silviculture and Other Forestry Statistics*, April 2000). The 2008 statistic ([Al Powelson], pers.comm., May 28 2008) reports this figure has decreased to 20%.

3.0 METHODS AND DATA

This report compares pre-harvest stand species composition and post-harvest stand species composition in three reporting periods:

1. pre-1987 (government had the primary silvicultural obligation);
2. post-1987 (licensees and the BC Timber Sales [BCTS] program had the primary silvicultural obligation); and
3. all reporting years.

3.1 *Free Growing Period*

Based on typical free growing periods it is assumed that stands are free growing stands when crop trees have an average age of 7 or more years. This is considered to be a "typical" period by which a stand has achieved prescribed free growing requirements (Ralph Winter, pers. comm., 07 December 2005). As a result, only those stands that have been reforested and achieved a minimum age of 7 years are included for comparison in this report.

3.2 *Monoculture and Mixed Stand*

A primary goal of this report is to compare monoculture and mixed stands, by addressing their species composition before and after harvest. All stands provided in the Reporting Silviculture Updates and Landstatus Tracking System (RESULTS) data extract had past and existing stand label species definitions.

Past Stand Label

Under the past stand label, a stand is considered to be a monoculture if only one species existed in the stand label (no percent species composition is provided in previous inventory type labels in RESULTS). The stand is deemed to be a mixed stand, on the other hand, if two or more species are reported in the stand label. For reporting, monoculture and mixed stands are also differentiated into conifer and deciduous.

Present Stand Label

Six species and species percentages are currently reported under the present stand label. For this report, only the first two species (leading and secondary) are used. Any present stand label with a leading species percentage of 81% or greater is assigned a monoculture. Conversely, any present stand label with a leading species percentage of less than 81% is assigned a mixed stand. Monoculture and mixed stands are also grouped into conifer and deciduous.

3.3 *Data Sources*

The Ministry of Forests has updated its land information systems several times since 1992. In particular, the History Records and Major Licence Silviculture Information Systems (HRMLSI) was replaced by the Integrated Silviculture Information System (ISIS). In 2003, the Reporting Silviculture Updates and Landstatus Tracking System (RESULTS) replaced ISIS. Despite the changes in these land information systems, much of the historical information remains. These historical data, in combination with new silviculture records, form the basis of this report. This report builds on the *British Columbia's Forests: Monocultures or Mixed Forests*, May 1992 report.

Mei-Ching Tsoi (May 2005) prepared and provided the RESULTS data extract for this report. All RESULTS tables were provided in Microsoft Access database format.

3.4 *Data Limitations*

The following data limitations, particularly as they relate to the preparation and consolidation of the RESULTS data provided by Mei-Ching Tsoi, have been identified:

- Previous stand label record tracking has not been required (optional) since 1998. This report relies entirely on the previous stand label (before harvest condition). Only those records for stands that are harvested and have a previous stand label are included.
- Only those records with an even-aged and primary (rank 1) stand classification are included.
- It is assumed that, on average, free growing stands are established when crop trees meet prescribed stocking standards and achieve an average age of 7 years. Only those records with a minimum silviculture age of 7 years are included.
- Only those records with a stocking status of immature (IMM) or mature (MAT) are included.

Based on the data limitations identified above, Table 1 depicts the hierarchical stratification of the RESULTS data extract.

Table 1. RESULTS data extract overview (Source: Tsoi, May 2005)

RESULTS Data Table	Total Number	Description
OPENING	189,094	Total number of polygons with an OPENING in RESULTS
	164,707	Total number of polygons with licence number
	101,141	Total number of polygons with filled previous and present stand label[1]
	95,353	Total number of polygons with applicable management units
FOREST COVER	327,510	Total number of polygons with immature or mature status
	195,533	Total number of polygons with stands ≥ 7 years of age
	99,162	Total number of polygons with stands ≥ 7 years of age with previous and present stand label[1]

1 Inventory stand label

4.0 TREE SPECIES DIVERSITY

Diversity in tree species composition can be summarized for easy presentation in terms of pure stands and mixed stands. Natural processes result in a mosaic of pure and mixed species forest stands across the land base. In considering if management of our forests is decreasing biodiversity, we can examine if forest practices result in a change in the proportions of pure and mixed stands. Pure stands are defined as those having at least 81% of the forest cover associated with a single tree species. The following sections report on the change in area of monoculture and mixed-species stands for British Columbia and each forest region.

4.1 *British Columbia*

Reporting at a provincial scale allows consideration of overall trends. At this scale it is appropriate to present overall values, but lack of geographic resolution negates the value of temporal resolution.

Before Harvest – British Columbia

Table 2 depicts tree species diversity by species grouping and biogeoclimatic zone across all reporting periods, while Figure 1 identifies tree species diversity by species grouping across the three reporting periods before harvest.

Overall, about 31% of the forests in the province are considered monocultures before any harvesting has occurred. When summarizing areas based on post-1987 reporting years only, 26% of the forests across the province are considered monocultures before any harvesting has occurred.

Table 2. Tree species diversity before harvest across all reporting periods, British Columbia

	Area (ha)											
	Biogeoclimatic Zone											
Species Type	BWBS	CDF	CWH	ESSF	ICH	IDF	MH	MS	PP	SBPS	SBS	Total
Monoculture												
Conifer	26,477	315	10,303	39,246	37,540	186,949	414	65,254	870	52,214	166,022	585,603
Deciduous	1,208	30	534	0	114	17	0	0	0	10	189	2,102
Total Mono	27,686	345	10,837	39,246	37,654	186,966	414	65,254	870	52,223	166,211	587,706
Mixed												
Conifer	31,678	1,223	138,262	217,408	196,507	148,686	7,953	85,230	3,604	16,571	420,006	1,267,128
Deciduous	1,160	45	1,365	51	591	502	0	99	0	57	1,497	5,368
Total Mixed	32,838	1,268	139,627	217,459	197,099	149,188	7,953	85,329	3,604	16,628	421,503	1,272,496
Total	**60,523**	**1,613**	**150,464**	**256,705**	**234,753**	**336,154**	**8,367**	**150,583**	**4,474**	**68,851**	**587,714**	**1,860,202**

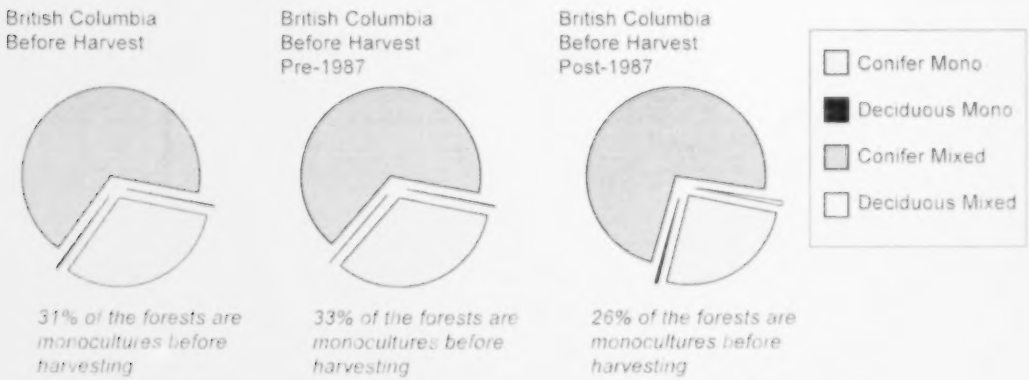


Figure 1. Tree species diversity before harvest across each reporting period, British Columbia.

At Free Growing – British Columbia

Table 3 depicts tree species diversity by species grouping and biogeoclimatic zone across all reporting periods, while Figure 2 identifies tree species diversity by species grouping across the three reporting periods at free growing.

Table 3. Tree species diversity at free growing across all reporting periods, British Columbia

	Area (ha)											
	Biogeoclimatic Zone											
Species Type	BWBS	CDF	CWH	ESSF	ICH	IDF	MH	MS	PP	SBPS	SBS	Total
Monoculture												
Conifer	7,928	419	12,526	58,595	25,633	126,592	1,548	52,393	1,802	38,484	174,687	500,606
Deciduous	1,172	0	236	139	335	584	0	177	0	114	1,233	3,990
Total Mono	9,100	419	12,762	58,734	25,968	127,176	1,548	52,570	1,802	38,598	175,920	504,595
Mixed												
Conifer	37,898	1,172	134,660	196,398	190,555	196,984	6,820	94,950	2,673	26,321	371,680	1,260,110
Deciduous	13,526	21	3,042	1,574	18,230	11,995	0	3,064	0	3,932	40,114	95,497
Total Mixed	51,424	1,194	137,702	197,971	208,785	208,978	6,820	98,013	2,673	30,253	411,794	1,355,607
Total	**60,523**	**1,613**	**150,464**	**256,705**	**234,753**	**336,154**	**8,367**	**150,583**	**4,474**	**68,851**	**587,714**	**1,860,202**

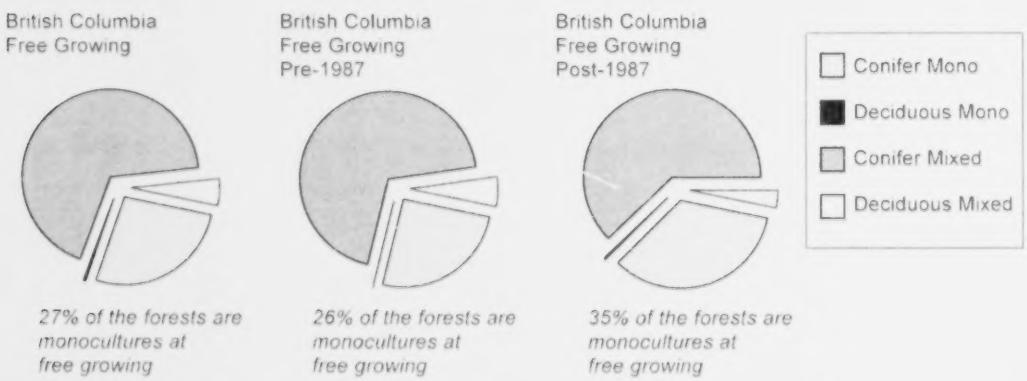


Figure 2. Tree species diversity at free growing across each reporting period, British Columbia.

Although the amount of area that is classified as a monoculture at free growing has increased by 9% since 1987, the overall amount of area across the province that is classified as a monoculture at free growing for all reporting years has decreased by 4%.

Figure 3 depicts the timber supply areas (TSA) within the province that have had an increase or decrease in monocultures during all reporting periods. Overall, only four TSAs have shown a significant increase in monocultures.

Figure 3. Tree species diversity across all reporting periods, British Columbia.

Figure 4 depicts the timber supply areas (TSA) within the province that have had an increase or decrease in monocultures before 1987. Overall, only four TSAs have shown a significant increase in monocultures.

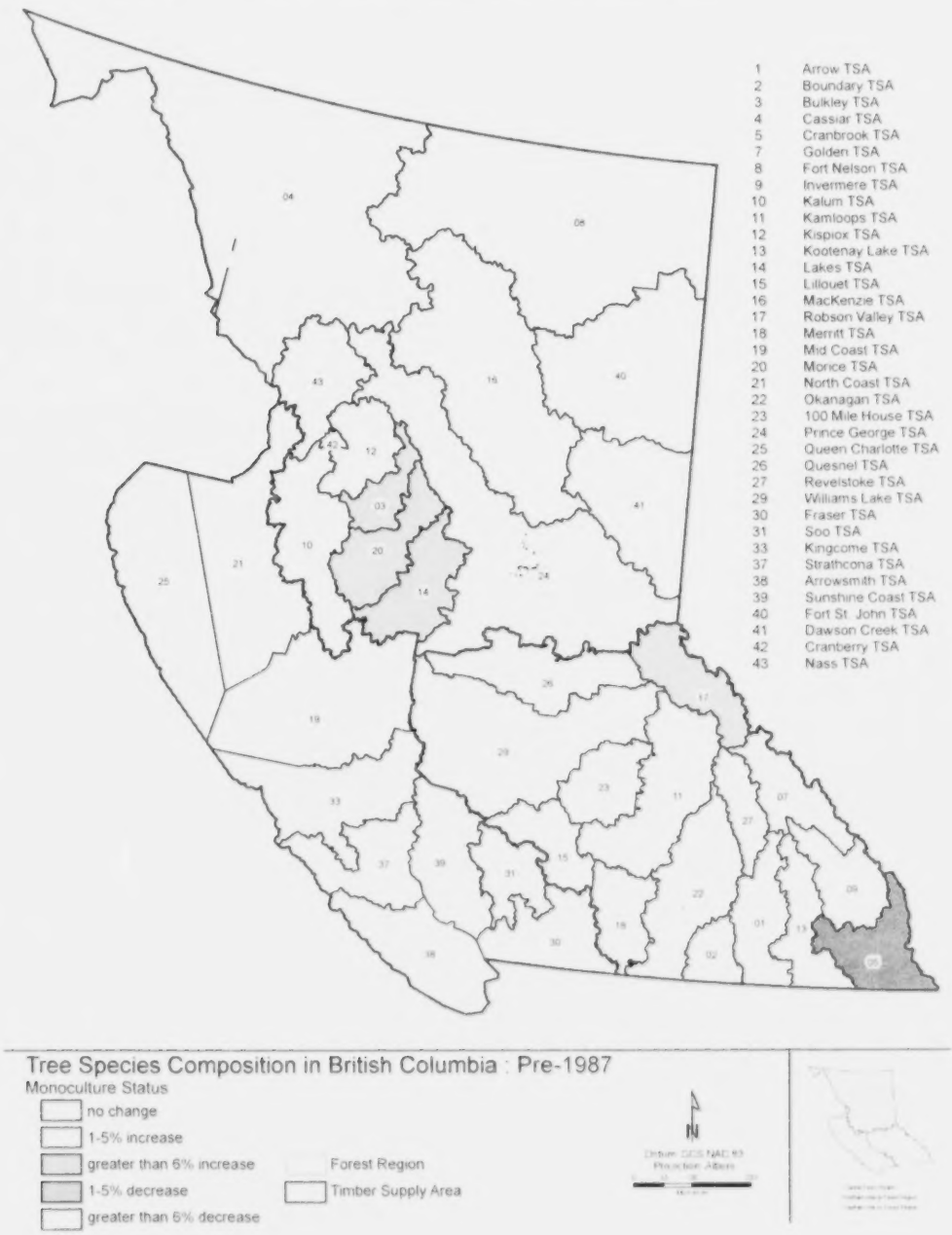


Figure 4. Tree species diversity across the pre-1987 reporting period, British Columbia.

Figure 5 depicts the timber supply areas (TSA) within the province that have had an increase or decrease in monocultures after 1987. Overall, 16 TSAs have shown a significant increase in monocultures.

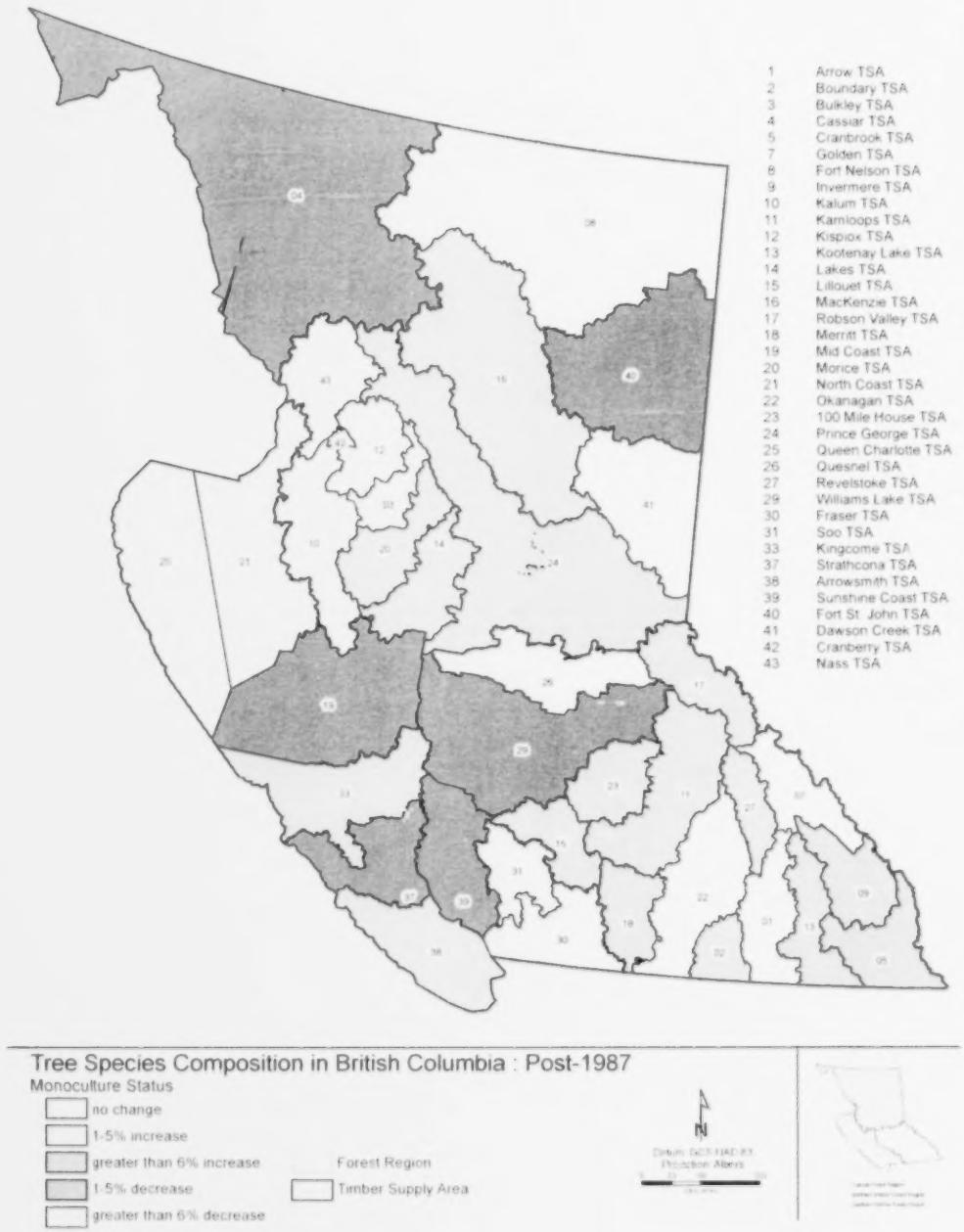


Figure 5. Tree species diversity across post-1987 reporting period, British Columbia.

4.2 *British Columbia – Forest Regions*

As seen in Section 4.1, reporting at a provincial scale allows for consideration of overall trends. However, it is often necessary to address change in tree species diversity at a regional level, since all areas in the province are not necessarily managed similarly. At this regional scale, trends in forest management practices may be better realized.

Coast Forest Region

The Coast Forest Region encompasses nine timber supply areas in coastal British Columbia. There are 153,266 hectares of forest land that have been included for pre- and post-1987 tree species diversity reporting.

Coast Forest Region – Before Harvest

Table 4 depicts tree species diversity by species grouping and biogeoclimatic zone across all reporting periods, while Figure 6 identifies tree species diversity by species grouping across the three reporting periods before harvest.

Table 4. Tree species diversity before harvest across all reporting periods, Coast Forest Region

	Area (ha)						Percent (%)					
	Biogeoclimatic Zone						Biogeoclimatic Zone					
Species Type	CDF	CWH	ESSF	IDF	MH	Total	CDF	CWH	ESSF	IDF	MH	Total
Monoculture												
Conifer	315	9,110	178	701	414	10,717	20	7	10	34	5	7
Deciduous	30	465	0	0	0	495	2	0	0	0	0	0
Total Mono	345	9,575	178	701	414	11,212	21	7	10	34	5	7
Mixed							0	0	0	0	0	0
Conifer	1,223	128,613	1,593	1,329	7,942	140,700	76	92	90	65	95	92
Deciduous	45	1,289	0	20	0	1,355	3	1	0	1	0	1
Total Mixed	1,268	129,903	1,593	1,349	7,942	142,054	79	93	90	66	95	93
Total	**1,613**	**139,478**	**1,771**	**2,049**	**8,356**	**153,266**	**100**	**100**	**100**	**100**	**100**	**100**

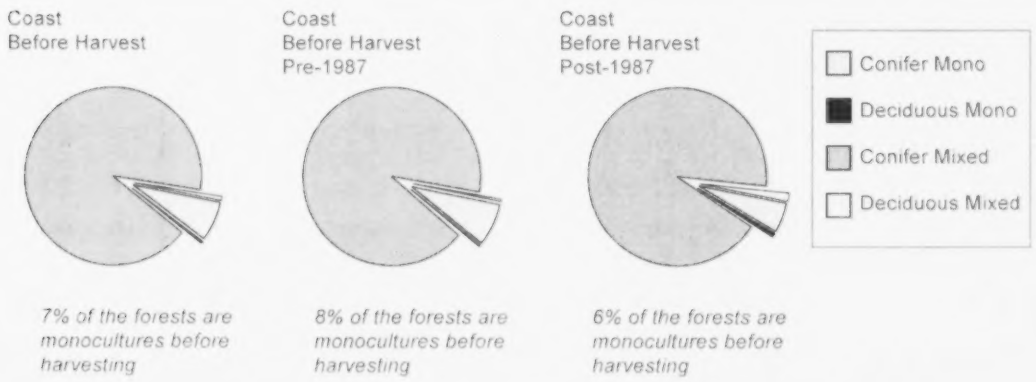


Figure 6. Tree species diversity before harvest across each reporting period, Coast Region.

Interestingly, only 7% of the forests are considered monoculture before any harvesting has occurred in the Coast Forest Region. Moreover, there is no significant change in the amount of monoculture before silviculture becoming a licensee and BCTS obligation.

Coast Forest Region – At Free Growing

Table 5 depicts tree species diversity by species grouping and biogeoclimatic zone across all reporting periods, while Figure 7 identifies tree species diversity by species grouping across the three reporting periods at free growing.

Table 5. Tree species diversity at free growing across all reporting periods, Coast Forest Region

	Area (ha)						Percent (%)					
	Biogeoclimatic Zone						Biogeoclimatic Zone					
Species Type	CDF	CWH	ESSF	IDF	MH	Total	CDF	CWH	ESSF	IDF	MH	Total
Monoculture												
Conifer	419	12,086	193	417	1,548	14,663	26	9	11	20	19	10
Deciduous	0	189	0	0	0	189	0	0	0	0	0	0
Total Mono	419	12,274	193	417	1,548	14,852	26	9	11	20	19	10
Mixed							0	0	0	0	0	0
Conifer	1,172	124,651	1,578	1,590	6,809	135,799	73	89	89	78	81	89
Deciduous	21	2,552	0	42	0	2,616	1	2	0	2	0	2
Total Mixed	1,194	127,203	1,578	1,632	6,809	138,415	74	91	89	80	81	90
Total	**1,613**	**139,478**	**1,771**	**2,049**	**8,356**	**153,266**	**100**	**100**	**100**	**100**	**100**	**100**

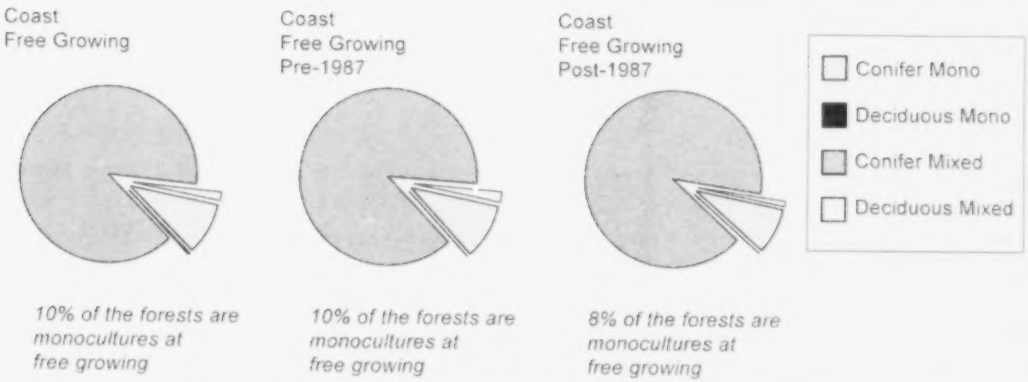


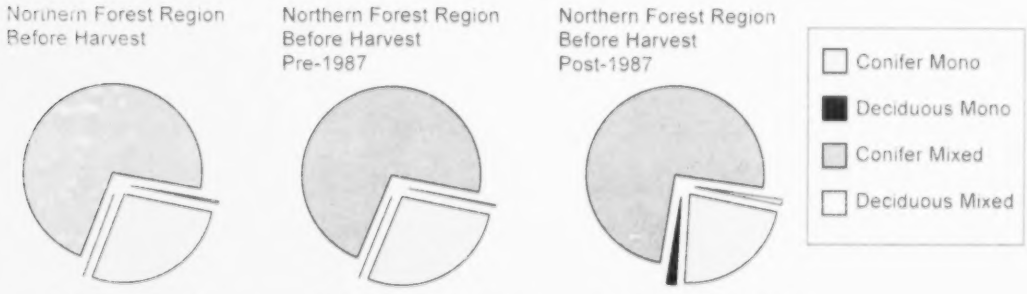
Figure 7. Tree species diversity at free growing across each reporting period, Coast Region.

Overall, when comparing pre- and post-harvest conditions, the amount of area that is classified as a monoculture in the Coast Forest Region at free growing has increased by roughly 2%.

Table 6 depicts tree species diversity by species grouping and biogeoclimatic zone across all reporting periods, while Figure 8 identifies tree species diversity by species grouping across the three reporting periods before harvest.

Tree species diversity before harvest across all reporting periods, Northern Forest Region

	Area (ha)								Percent (%)							
	Biogeoclimatic Zone								Biogeoclimatic Zone							
Species Type	BWBS	CWH	ESSF	ICH	MH	SBPS	SBS	Total	BWBS	CWH	ESSF	ICH	MH	SBPS	SBS	Total
Monoculture																
Conifer	26,477	947	5,870	10,102	0	46	132,434	175,876	44	9	14	22	0	52	27	27
Deciduous	1,208	69	0	90	0	0	173	1,540	2	1	0	0	0	0	0	0
Total Mono	27,686	1,017	5,870	10,191	0	46	132,607	177,416	46	10	14	22	0	52	27	27
Mixed									0	0	0	0	0	0	0	0
Conifer	31,678	9,006	36,325	36,400	11	42	355,591	469,053	52	89	86	78	100	48	73	72
Deciduous	1,160	76	0	350	0	0	1,226	2,811	2	1	0	1	0	0	0	0
Total Mixed	32,838	9,082	36,325	36,750	11	42	356,816	471,864	54	90	86	78	100	48	73	73
Total	**60,523**	**10,099**	**42,194**	**46,941**	**11**	**89**	**489,423**	**649,280**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**



Tree species diversity before harvest across each reporting period, Northern Region.

Overall, approximately 27% of the forest in the Northern Interior Forest Region was classified as a monoculture before any harvesting occurred.

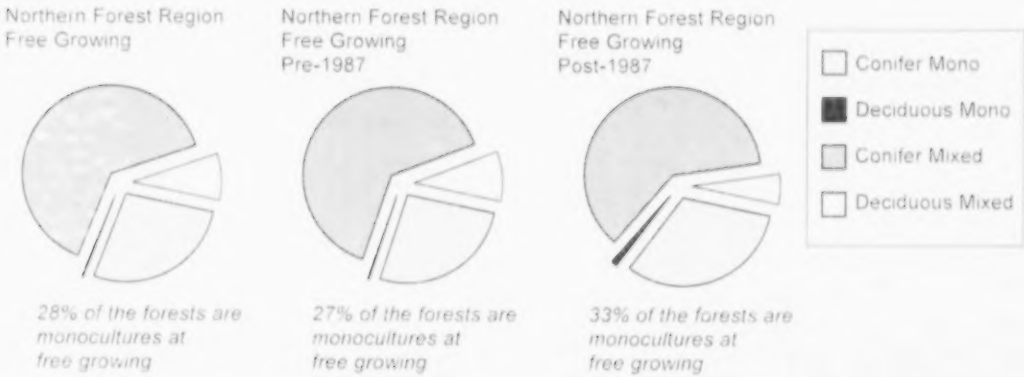
Northern Interior Forest Region

The Northern Interior Forest Region encompasses 13 timber supply areas in northern British Columbia. There are 649,280 hectares of forest land that have been included for pre- and post-1987 tree species diversity reporting.

Table 7 depicts tree species diversity by species grouping and biogeoclimatic zone across all reporting periods, while Figure 9 identifies tree species diversity by species grouping across the three reporting periods at free growing.

Tree species diversity at free growing across all reporting periods, Northern Forest Region

	Area (ha)								Percent (%)							
	Biogeoclimatic Zone								Biogeoclimatic Zone							
Species Type	BWBS	CWH	ESSF	ICH	MH	SBPS	SBS	Total	BWBS	CWH	ESSF	ICH	MH	SBPS	SBS	Total
Monoculture																
Conifer	7.928	400	11.533	4.257	0	6	153.635	177.757	13	4	27	9	0	7	31	27
Deciduous	1.172	47	8	78	0	0	1.160	2.466	2	0	0	0	0	0	0	0
Total Mono	9.100	447	11.540	4.335	0	6	154.795	180.222	15	4	27	9	0	7	32	28
Mixed									0	0	0	0	0	0	0	0
Conifer	37.898	9.222	30.018	36.323	11	36	299.935	413.444	63	91	71	77	100	41	61	64
Deciduous	13.526	430	636	6.283	0	46	34.693	55.614	22	4	2	13	0	52	7	9
Total Mixed	51.424	9.652	30.654	42.606	11	83	334.628	469.058	85	96	73	91	100	93	68	72
Total	60.523	10.099	42.194	46.941	11	89	489.423	649.280	100	100	100	100	100	100	100	100



Tree species diversity at free growing across each reporting period, Northern Region.

Overall, there is no significant change in the amount of area that is classified as a monoculture in the Northern Forest Interior Region when areas have achieved their free growing obligations for the Pre-1987 period. For the Post-1987 period, the amount of area classified as monoculture increased by 9%. The amount of deciduous mixed stands at free growing in the Northern Forest Interior Region has increased significantly, from 2,811 hectares before harvest to 55,614 hectares at free growing across all reporting periods.

The Southern Interior Forest Region encompasses 15 timber supply areas in southern British Columbia and is the largest forest region in the province. There are 1,057,656 hectares of forest land that have been included for pre- and post-1987 tree species diversity reporting.

Table 8 depicts tree species diversity by species grouping and biogeoclimatic zone across all reporting periods, while Figure 10 identifies tree species diversity by species grouping across the three reporting periods before harvest.

Tree species diversity before harvest across all reporting periods, Southern Forest Region

	Area (ha)									Percent (%)								
	Biogeoclimatic Zone									Biogeoclimatic Zone								
Species Type	CWH	ESSF	ICH	IDF	MS	PP	SBPS	SBS	Total	CWH	ESSF	ICH	IDF	MS	PP	SBPS	SBS	Total
Monoculture																		
Conifer	245	33,199	27,438	186,249	65,254	870	52,167	33,588	399,010	28	16	15	56	43	19	76	34	38
Deciduous	0	0	24	17	0	0	10	16	68	0	0	0	0	0	0	0	0	0
Total Mono	245	33,199	27,463	186,266	65,254	870	52,177	33,604	399,078	28	16	15	56	43	19	76	34	38
Mixed										0	0	0	0	0	0	0	0	0
Conifer	642	179,493	160,197	147,351	85,230	3,604	16,529	64,435	657,379	72	84	85	44	57	81	24	66	62
Deciduous	0	51	342	482	99	0	57	271	1,202	0	0	0	0	0	0	0	0	0
Total Mixed	642	179,542	160,539	147,833	85,329	3,604	16,586	64,687	658,578	72	84	85	44	57	81	24	66	62
Total	**888**	**212,741**	**187,812**	**334,105**	**150,583**	**4,474**	**68,763**	**98,291**	**1,057,656**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**

Southern Interior Forest Region Before Harvest
Southern Interior Forest Region Before Harvest Pre-1987
Southern Interior Forest Region Before Harvest Post-1987
Conifer Mono
Deciduous Mono
Conifer Mixed
Deciduous Mixed
38% of the forests are monocultures before harvest
39% of the forests are monocultures before harvest
30% of the forests are monocultures before harvest

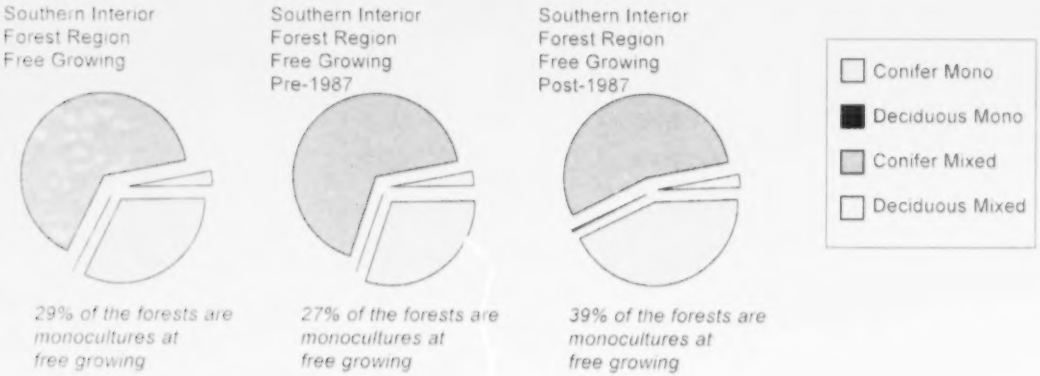
Tree species diversity before harvest across each reporting period, Southern Region.

Overall, approximately 38% of the forest land base in the Southern Interior Forest Region is classified as a monoculture before any harvesting has occurred.

Table 9 depicts tree species diversity by species grouping and biogeoclimatic zone across all reporting periods, while Figure 11 identifies tree species diversity by species grouping across the three reporting periods at free growing.

Tree species diversity at free growing across all reporting periods. Southern Forest Region

	Area (ha)									Percent (%)								
	Biogeoclimatic Zone									Biogeoclimatic Zone								
Species Type	CWH	ESSF	ICH	IDF	MS	PP	SBPS	SBS	Total	CWH	ESSF	ICH	IDF	MS	PP	SBPS	SBS	Total
Monoculture																		
Conifer	41	46,870	21,376	126,175	52,393	1,802	38,478	21,052	308,186	5	22	11	38	35	40	56	21	29
Deciduous	0	131	257	584	177	0	114	73	1,336	0	0	0	0	0	0	0	0	0
Total Mono	41	47,001	21,633	126,759	52,570	1,802	38,592	21,125	309,522	5	22	12	38	35	40	56	21	29
Mixed										0	0	0	0	0	0	0	0	0
Conifer	787	164,803	154,232	195,394	94,950	2,673	26,285	71,745	710,867	89	77	82	58	63	60	38	73	67
Deciduous	60	938	11,948	11,953	3,064	0	3,886	5,421	37,268	7	0	6	4	2	0	6	6	4
Total Mixed	847	165,740	166,179	207,346	98,013	2,673	30,170	77,166	748,134	95	78	88	62	65	60	44	79	71
Total	888	212,741	187,812	334,105	150,583	4,474	68,763	98,291	1,057,656	100	100	100	100	100	100	100	100	100


Southern Interior Forest Region Free Growing
Southern Interior Forest Region Free Growing Pre-1987
Southern Interior Forest Region Free Growing Post-1987
Conifer Mono
Deciduous Mono
Conifer Mixed
Deciduous Mixed
29% of the forests are monocultures at free growing
27% of the forests are monocultures at free growing
39% of the forests are monocultures at free growing

Tree species diversity at free growing across each reporting period. Southern Region.

Overall, the amount of area in the Southern Interior Forest Region that has been identified as monoculture at free growing has decreased by 9%.* The amount of deciduous mixed stands at free growing in the Southern Forest Interior Region, on the other hand, has increased significantly, from 1,202 hectares before harvest to 37,268 hectares at free growing.

* For the Post-1987 period, the amount of area identified as monoculture at free growing increased by 9%.

5.0 SUMMARY

The primary goal of this report is to compare monoculture and mixed stands, by addressing their pre-and post-harvest stand species composition. Post-harvest stand species composition is based on typical free growing periods, which are achieved when crop trees reach an average age of 7 years. There were three reporting periods in the report, specifically:

1. pre-1987 (government had the primary silvicultural obligation);
2. post-1987 (licensees and the BC Timber Sales [BCTS] program had the primary silvicultural obligation); and
3. all reporting years.

Information was also presented at the provincial and regional levels.

Reports at the provincial level provided overall landscape levels of change in species composition. Information compiled at a provincial scale, however, can hide regional or local trends. For this reason, similar information was also presented at the regional level.

The following sections summarize the overall changes in species composition at both of these geographic levels.

5.1 *British Columbia*

Approximately 31% of the forest in the province is considered a monoculture before any harvesting has occurred. The overall amount of area across the province that is classified as a monoculture at free growing, on the other hand, has decreased by 4% overall. Since licensees and BCTS had the primary silvicultural obligation (post-1987), however, the amount of monoculture at free growing has increased by approximately 9%.

5.2 *Coast Forest Region*

In the Coast Forest Region, 7% of the forests are considered monocultures before any harvesting has occurred. At free growing, however, the amount of area that is classified as a monoculture in the Coast Forest Region has increased to 10%. There is no significant change in the amount of monoculture before silviculture becoming a licensee and BCTS obligation. For the Post-1987 period, the amount of area identified as monoculture increased by 2% from 6 to 8 percent.

5.3 *Northern Forest Region*

Approximately 27% of the forest in the Northern Interior Forest Region was classified as a monoculture before any harvesting occurred. There is no significant change in the amount of area that is classified as a monoculture when areas have achieved their free growing obligations. Interestingly, the amount of deciduous mixed stands at free growing in the region has increased significantly, from 2,811 hectares before harvest to 55,614 hectares at free growing. Since licensees and BCTS had the primary silvicultural obligation, however, the amount of monoculture at free growing has increased by about 9%.

5.4 *Southern Forest Region*

Overall, the amount of area that has been identified as monoculture has decreased by 9% in the Southern Interior Forest Region when forest stands have reached free growing. The amount of deciduous mixed stands at free growing in the region, on the other hand, has increased significantly, from 1,202 hectares before harvest to 37,268 hectares at free growing. For the Post-1987 period, the amount of monoculture at free growing has increased by about 9% since licensees and BCTS had the primary silvicultural obligation.

6.0 RECOMMENDATIONS

This report examines the question: are our forest management practices resulting in substantial change in the tree species composition of our forests in British Columbia? As we move into the new results based world of FRPA it is important to document how reforestation practices impact on the diversity of tree species on the landscape. This report is an update following a similar style of reporting as the Ministry of Forests 1992 Report "British Columbia's Forests: Monocultures or Mixed Forests?"

District Managers and forest managers need to carefully examine the trends in the types of forests they are harvesting and producing over time to determine if they are consistent with the management unit objectives for timber value, volume, habitat, forest health and resilience. Where these objectives are not clearly articulated, District Managers and forest managers need to clearly specify them in Future Forest Strategies, silviculture strategies and management plans. Forest Stewardship Plans and reforestation strategies need to be aligned with these objectives.

A further recommendation of this report is for Forest Practices Branch to develop a standard protocol for tracking the issue of monocultures at the management unit level to ensure appropriate species, stocking standards and diversity of species mix are planted out on the land base. A report such as this one should be produced on a 5-year basis.

7.0 REFERENCES

B.C. Ministry of Forests. 1992. British Columbia's forests: monocultures or mixed forests? Silviculture Interpretations Working Group.

B.C. Ministry of Forests. 2000. Just the facts, a review of silviculture and other forestry statistics. Victoria, B.C.

APPENDIX I. TREE SPECIES COMPOSITION

I.a *British Columbia*

The following sections provide a detailed species composition classification for the province.

British Columbia – Before Harvest

Table 10 depicts tree species composition by species grouping and biogeoclimatic zone across all reporting periods before harvest. Detailed species compositions for British Columbia are also provided in Appendix I for the pre- and post-1987 reporting periods.

Table 10. Tree species composition before harvest across all reporting periods, British Columbia

		Area (ha)											
		Biogeoclimatic Zone											
Leading Species	Species Mix	BWBS	CDF	CWH	ESSF	ICH	IDF	MH	MS	PP	SBPS	SBS	Total
Balsam	Ba Hm	0	0	191	53	0	0	939	0	0	0	0	1,184
	Ba Hw	0	147	9,711	418	275	0	3,038	0	0	0	0	13,589
	Bl Se	0	0	43	21,583	1,550	24	118	461	0	0	467	24,247
	Bl Sx	0	0	0	11,429	2,601	36	0	448	0	0	7,893	22,406
Western redcedar	Cw	0	12	1,791	184	4,991	272	0	0	0	0	0	7,250
	Cw Hw	0	200	21,887	177	18,844	238	89	0	0	0	16	41,451
Douglas-fir (coast)	Fdc	0	303	4,873	54	0	694	48	0	0	0	0	5,972
	Fdc Cw	0	213	7,822	0	0	626	0	0	0	0	0	8,660
	Fdc Dr	0	61	374	0	0	0	0	0	0	0	0	435
	Fdc Hw	0	198	10,429	20	0	284	0	0	0	0	0	10,930
Douglas-fir (int)	Fdi	0	0	112	230	4,820	115,647	0	3,226	820	1,086	2,894	128,835
	Fdi Cw	0	0	26	294	8,772	1,459	0	88	0	0	0	10,638
	Fdi Lw	0	0	0	171	6,681	9,550	0	4,179	0	0	0	20,582
	Fdi Pli	0	0	0	626	11,430	71,408	0	6,240	2,071	1,984	4,903	98,662
	Fdi Se	0	0	180	597	3,197	4,118	0	1,950	0	0	233	10,275
	Fdi Sx	0	0	0	127	3,881	1,685	0	355	0	319	3,463	9,829
Western hemlock	Hw	0	0	2,507	141	7,904	0	52	0	0	0	43	10,647
	Hw Ba	0	236	39,208	2	2,948	8	2,306	22	0	0	0	44,730
	Hw Bl	0	0	620	326	6,317	0	0	18	0	0	0	7,281
	Hw Cw	0	135	17,410	668	19,645	109	45	37	0	0	0	38,049
	Hw Fdc	0	0	7,097	8	69	86	55	0	0	0	0	7,315
	Hw SS	0	7	4,509	0	0	0	0	0	0	0	0	4,516
	Hw Yc	0	0	2,578	0	0	0	416	0	0	0	0	2,994
Western larch	Lw Fdi	0	0	0	204	3,841	2,144	0	2,296	0	0	0	8,485
Lodgepole pine	Pli	5,396	0	0	13,610	11,719	69,872	0	59,750	222	50,664	105,231	316,464
	Pli Bl	93	0	0	3,128	383	98	0	1,573	0	23	4,940	10,236
	Pli Fdi	0	0	16	1,119	9,793	41,262	0	11,191	1,337	3,125	13,735	81,578
	Pli Lw	0	0	0	1,493	5,462	4,954	0	7,890	0	0	0	19,800

continued next page

Leading Species	Species Mix	Area (ha) Biogeoclimatic Zone BWBS	CDF	CWH	ESSF	ICH	IDF	MH	MS	PP	SBPS	SBS	Total
Lodgepole pine (cont.)	Pli Se	12	0	0	10,445	2,486	1,823	0	17,232	0	49	1,020	33,066
	Pli Sw	3,478	0	0	486	175	0	0	0	0	0	1,899	6,038
	Pli Sx	6,399	0	0	12,929	6,988	1,871	0	8,209	0	8,482	151,794	196,672
Spruce	Se	0	0	0	10,121	2,686	302	0	1,791	0	0	230	15,129
	Se Bl	0	0	31	69,362	6,632	287	0	7,234	0	0	967	84,513
	Se Pli	0	0	0	7,913	891	241	0	6,353	0	0	1,816	17,212
	Sw	17,077	0	0	99	23	0	0	0	0	0	384	17,583
	Sw At	3,160	0	0	0	0	0	0	0	0	0	91	3,250
	Sw Pli	4,630	0	0	687	26	0	0	0	0	0	2,141	7,484
	Sx	4,009	0	109	10,995	4,723	250	0	346	0	464	54,997	75,892
	Sx Ba	3	0	306	4,935	3,232	2	46	0	0	0	1,916	10,438
	Sx Bl	1,572	0	0	41,981	10,281	776	0	953	0	210	105,321	161,093
	Sx Fdi	0	0	0	449	3,403	74	0	169	0	79	7,044	11,219
	Sx Pli	6,406	0	0	15,753	4,752	319	0	2,134	0	1,753	99,990	131,107
Subtotal		52,236	1,511	131,830	242,818	181,418	330,517	7,152	144,144	4,450	68,236	573,426	1,737,735
Other		8,288	102	18,634	13,888	53,335	5,638	1,216	6,439	24	615	14,288	122,467
Total		**60,523**	**1,613**	**150,464**	**256,705**	**234,753**	**336,154**	**8,367**	**150,583**	**4,474**	**68,851**	**587,714**	**1,860,202**

British Columbia – At Free Growing

Table 11 depicts tree species composition by species grouping and biogeoclimatic zone across all reporting periods at free growing.

Table 11. Tree species composition at free growing across all reporting periods, British Columbia

Leading Species	Species Mix	Area (ha) Biogeoclimatic Zone BWBS	CDF	CWH	ESSF	ICH	IDF	MH	MS	PP	SBPS	SBS	Total
Aspen	At Pli	1,719	0	0	80	1,384	7,477	0	977	0	3,162	12,391	27,189
	At Sw	1,697	0	0	26	55	0	0	0	0	0	496	2,274
	At Sx	2,167	0	9	197	850	529	0	218	0	518	10,899	15,387
Balsam	Ba Hm	0	52	1,582	25	111	0	2,308	0	0	0	0	4,078
	Ba Hw	0	0	15,215	832	2,129	0	1,704	33	0	0	103	20,017
	Ba Pli	64	0	3	9,987	1,902	244	0	4,224	0	87	6,328	22,838
	Ba Se	0	21	2,047	26,486	1,554	169	1,053	1,682	0	0	44	33,055
	Ba Sx	535	45	946	50,253	5,101	796	380	4,039	0	60	18,096	80,249
	Ba Yc	0	5	2,115	0	0	0	1,300	0	0	0	0	3,420
Western redcedar	Cw Fdi	0	0	0	14	4,242	554	0	14	0	0	43	4,867
	Cw Hw	0	75	10,592	43	8,291	150	0	0	0	0	0	19,151
	Cw Sx	0	0	25	205	3,809	35	0	45	0	0	174	4,293
Birch	Ep Sw	2,188	0	0	0	25	0	0	0	0	0	134	2,347
	Ep Sx	955	0	5	135	1,705	41	0	61	0	0	6,855	9,757

continued next page

		Area (ha)											
		Biogeoclimatic Zone											
Leading Species	Species Mix	BWBS	CDF	CWH	ESSF	ICH	IDF	MH	MS	PP	SBPS	SBS	Total
Douglas-fir (coast)	Fdc	0	103	1,756	16	195	4,732	0	230	10	3	16	7,061
	Fdc Ba	0	57	1,352	62	158	310	6	83	0	0	20	2,049
	Fdc Cw	0	300	9,088	54	648	1,161	6	34	0	0	0	11,292
	Fdc Dr	0	60	392	0	0	0	0	0	0	0	0	452
	Fdc Hw	0	287	9,754	36	65	50	22	0	0	0	0	10,214
Douglas-fir (interior)	Fdi	0	0	0	200	2,449	72,252	0	2,093	538	747	1,719	79,998
	Fdi At	0	0	0	42	1,263	11,348	0	699	0	454	1,864	15,669
	Fdi Cw	0	0	0	12	9,269	1,111	0	102	0	0	0	10,493
	Fdi EP	0	0	0	12	3,790	3,126	0	395	0	74	730	8,126
	Fdi Lw	0	0	0	79	3,488	12,415	0	3,916	122	0	0	20,020
	Fdi Pli	0	0	56	624	6,962	91,337	0	5,149	2,443	1,858	3,600	112,028
	Fdi Sx	0	0	0	577	5,095	14,067	0	2,461	0	631	2,890	25,720
Western hemlock	Hw Ba	0	186	26,352	337	2,739	0	364	0	0	0	87	30,064
	Hw Cw	0	237	24,913	88	7,407	104	16	0	0	0	22	32,786
	Hw SS	0	17	12,820	0	0	0	0	0	0	0	0	12,837
	Hw Sx	0	0	1,101	78	3,576	0	0	0	0	0	21	4,776
Lodgepole pine	Pli	392	0	98	5,102	3,299	18,672	0	17,587	112	20,784	41,663	107,708
	Pli At	3,176	0	0	1,304	4,233	24,812	0	6,706	0	16,740	55,653	112,623
	Pli Ba	543	0	27	19,459	5,453	2,319	0	25,418	0	1,169	42,499	96,887
	Pli EP	462	0	1	57	3,714	463	0	625	0	812	5,754	11,888
	Pli Fdi	0	0	5	666	9,035	30,137	0	9,238	1,194	2,085	6,249	58,608
	Pli Hw	0	0	82	48	3,981	0	0	0	0	0	0	4,111
	Pli Lw	0	0	14	480	2,140	2,921	0	7,131	0	4	0	12,691
	Pli Se	0	0	0	3,264	910	782	0	4,347	0	0	144	9,447
	Pli Sw	1,655	0	0	862	0	0	0	26	0	0	4,278	6,821
	Pli Sx	4,641	0	17	16,694	7,418	5,082	0	25,065	0	16,513	118,600	194,031
Spruce	Se Ba	0	7	1,281	17,617	2,407	115	459	1,559	0	0	55	23,500
	Sw AC	3,558	0	0	274	50	0	0	0	0	0	1,214	5,096
	Sw At	3,664	0	0	14	71	0	0	0	0	0	1,733	5,481
	Sw EP	5,471	0	0	5	0	0	0	0	0	0	1,286	6,762
	Sw Pli	2,625	0	0	543	92	0	0	0	0	0	3,350	6,610
	Sx	906	0	29	8,001	3,443	128	0	339	0	79	15,752	28,676
	Sx AC	2,219	0	50	642	3,726	113	0	62	0	19	7,094	13,924
	Sx At	4,162	0	0	2,782	3,388	533	0	467	0	495	37,574	49,401
	Sx Ba	1,730	3	407	55,511	12,266	690	18	4,304	0	255	75,000	150,185
	Sx Cw	0	0	130	743	10,911	126	0	8	0	0	1,352	13,269
	Sx EP	2,439	0	0	281	2,723	170	0	189	0	20	11,590	17,411
	Sx Fdi	0	0	0	664	3,882	1,721	0	804	0	59	2,466	9,596
	Sx Hw	0	0	110	450	5,933	60	0	0	0	0	491	7,043
	Sx Pli	3,880	0	0	11,590	8,548	768	0	4,136	0	1,146	60,880	90,948
Subtotal		50,844	1,454	122,372	237,549	175,884	311,617	7,636	134,465	4,419	67,773	561,206	1,675,217
Other		9,680	159	28,092	19,156	58,869	24,538	732	16,118	56	1,079	26,507	184,985
Total		**60,523**	**1,613**	**150,464**	**256,705**	**234,753**	**336,154**	**8,367**	**150,583**	**4,474**	**68,851**	**587,714**	**1,860,202**

I.b *Coast Forest Region*

The following section provides a detailed species composition classification for the Coast Forest Region.

Coast Forest Region – Before Harvest

Table 12 depicts tree species composition before harvest by species grouping and biogeoclimatic zone across all reporting periods before harvest. Detailed species compositions for the Coast Forest Region are also provided in Appendix II for the pre- and post-1987 reporting periods.

Table 12. Tree species composition before harvest across all reporting periods, Coast Region

Species Mix	Area (ha)						Area (ha)					
	Biogeoclimatic Zone						Biogeoclimatic Zone					
	CDF	CWH	ESSF	IDF	MH	Total	CDF	CWH	ESSF	IDF	MH	Total
Ba	0	641	64	0	163	867	0	0	4	0	2	1
Ba Hm	0	191	53	0	939	1,184	0	0	3	0	11	1
Ba Hw	147	9,383	412	0	3,038	12,979	9	7	23	0	36	8
Ba Se	0	263	137	0	108	508	0	0	8	0	1	0
Ba Sx	0	162	55	0	37	254	0	0	3	0	0	0
Bl Sx	0	0	49	0	0	49	0	0	3	0	0	0
Cw	12	1,791	0	4	0	1,807	1	1	0	0	0	1
Cw Ba	0	449	124	0	0	573	0	0	7	0	0	0
Cw Hw	200	21,879	0	0	89	22,168	12	16	0	0	1	14
Cw Yc	2	1,976	0	0	0	1,978	0	1	0	0	0	1
Fdc	303	4,873	54	691	48	5,969	19	3	3	34	1	4
Fdc Cw	213	7,822	0	626	0	8,660	13	6	0	31	0	6
Fdc Hw	198	10,429	20	284	0	10,930	12	7	1	14	0	7
Fdc Plc	0	307	122	232	0	661	0	0	7	11	0	0
Hw	0	1,518	0	0	52	1,570	0	1	0	0	1	1
Hw Ba	236	33,983	2	8	2,295	36,524	15	24	0	0	27	24
Hw Cw	135	15,453	0	0	45	15,633	8	11	0	0	1	10
Hw Fdc	0	7,097	8	86	55	7,246	0	5	0	4	1	5
Hw SS	7	4,474	0	0	0	4,481	0	3	0	0	0	3
Hw Sx	0	2,069	0	0	0	2,069	0	1	0	0	0	1
Hw Yc	0	2,578	0	0	416	2,994	0	2	0	0	5	2
Plc Ba	0	0	49	0	0	49	0	0	1	0	0	0
Plc Fdc	0	29	137	0	0	167	0	0	8	0	0	0
Se Ba	0	69	54	0	12	135	0	0	3	0	0	0
Ss Hw	0	2,264	0	0	0	2,264	0	2	0	0	0	1
Sx	0	84	54	0	0	138	0	0	3	0	0	0
Sx Ba	0	256	137	0	46	439	0	0	8	0	1	0
Sx Hw	0	677	100	0	0	777	0	0	6	0	0	1
Subtotal	1,451	130,718	1,631	1,931	7,342	143,073	90	94	92	94	88	93
Other	162	8,759	140	118	1,014	10,193	10	6	8	6	12	7
Total	**1,613**	**139,478**	**1,771**	**2,049**	**8,356**	**153,266**	**100**	**100**	**100**	**100**	**100**	**100**

Coast Forest Region – At Free Growing

Table 13 depicts tree species composition at free growing by species grouping and biogeoclimatic zone across all reporting periods at free growing.

Table 13. Tree species composition at free growing across all reporting periods, Coast Region

Species Mix	Area (ha)						Percent (%)					
	Biogeoclimatic Zone						Biogeoclimatic Zone					
	CDF	CWH	ESSF	IDF	MH	Total	CDF	CWH	ESSF	IDF	MH	Total
Ba	0	148	97	0	178	423	0	0	5	0	2	0
Ba Cw	2	1,220	0	0	32	1,254	0	1	0	0	0	1
Ba Fdc	0	775	0	6	28	809	0	1	0	0	0	1
Ba Hm	52	1,582	9	0	2,297	3,939	3	1	0	0	27	3
Ba Hw	0	13,011	183	0	1,704	14,898	0	9	10	0	20	10
Ba Se	21	1,928	489	17	1,053	3,507	1	1	28	1	13	2
Ba Sx	45	925	106	0	380	1,455	3	1	6	0	5	1
Ba Yc	5	2,115	0	0	1,300	3,420	0	2	0	0	16	2
Cw Fdc	0	1,847	0	66	0	1,913	0	1	0	3	0	1
Cw Hw	75	10,565	0	8	0	10,649	5	8	0	0	0	7
Fdc	103	1,715	16	135	0	1,969	6	1	1	7	0	1
Fdc Ba	57	1,260	39	20	6	1,383	4	1	2	1	0	1
Fdc Cw	300	9,088	50	836	6	10,280	19	7	3	41	0	7
Fdc Hw	287	9,754	36	50	22	10,148	18	7	2	2	0	7
Fdc Plc	0	63	38	61	0	162	0	0	2	3	0	0
Fdc Pli	16	499	3	344	0	862	1	0	0	17	0	1
Hw	0	783	0	0	0	783	0	1	0	0	0	1
Hw Ba	186	21,555	18	0	364	22,122	12	15	1	0	4	14
Hw Cw	237	24,133	9	7	16	24,402	15	17	1	0	0	16
Hw DR	4	785	0	0	4	793	0	1	0	0	0	1
Hw Fdc	39	7,031	8	26	48	7,152	2	5	0	1	1	5
Hw Se	0	30	32	0	4	66	0	0	2	0	0	0
Hw SS	17	12,688	0	0	0	12,705	1	9	0	0	0	8
Plc Fdc	0	78	61	25	0	164	0	0	3	1	0	0
Pli Fdc	4	59	27	67	0	157	0	0	2	3	0	0
Se	0	285	72	0	45	401	0	0	4	0	1	0
Se Ba	7	1,010	290	14	459	1,779	0	1	16	1	5	1
SS Hw	0	3,678	0	0	0	3,678	0	3	0	0	0	2
Sx Ba	3	212	41	0	18	274	0	0	2	0	0	0
Sx Fdc	0	162	74	0	0	236	0	0	4	0	0	0
Subtotal	1,458	128,981	1,695	1,684	7,964	141,782	90	92	96	82	95	93
Other	155	10,497	75	365	392	11,485	10	8	4	18	5	7
Total	**1,613**	**139,478**	**1,771**	**2,049**	**8,356**	**153,266**	**100**	**100**	**100**	**100**	**100**	**100**

I.c *Northern Interior Forest Region*

The following section provides a detailed species composition classification for the Northern Interior Forest Region.

Northern Interior Forest Region – Before Harvest

Table 14 depicts tree species composition before harvest by species grouping and biogeoclimatic zone across all reporting periods before harvest. Detailed species compositions for the Northern Interior Forest Region are also provided in Appendix III for the pre- and post-1987 reporting periods.

Table 14. Tree species composition before harvest across all reporting periods, Northern Region

Species Mix	Area (ha)								Percent (%)							
	Biogeoclimatic Zone								Biogeoclimatic Zone							
	BWBS	CWH	ESSF	ICH	MH	SBPS	SBS	Total	BWBS	CWH	ESSF	ICH	MH	SBPS	SBS	Total
Ba Sx	0	0	36	1,846	0	0	241	2,123	0	0	0	4	0	0	0	0
Bl	6	0	2,392	388	0	0	2,104	4,889	0	0	6	1	0	0	0	1
Bl Hw	0	51	103	1,185	0	0	0	1,339	0	1	0	3	0	0	0	0
Bl Sx	0	0	4,284	1,583	0	0	7,579	13,446	0	0	10	3	0	0	2	2
Hw	0	923	0	5,932	0	0	43	6,898	0	9	0	13	0	0	0	1
Hw Ba	0	5,195	0	2,934	11	0	0	8,140	0	51	0	6	100	0	0	1
Hw Bl	0	316	189	5,725	0	0	0	6,230	0	3	0	12	0	0	0	1
Hw Cw	0	1,956	0	2,163	0	0	0	4,120	0	19	0	5	0	0	0	1
Hw Plc	0	82	0	822	0	0	0	904	0	1	0	2	0	0	0	0
Hw Pli	0	6	0	1,323	0	0	0	1,329	0	0	0	3	0	0	0	0
Hw Sx	0	434	0	3,352	0	0	148	3,934	0	4	0	7	0	0	0	1
Plc Sx	0	0	0	1,173	0	0	0	1,173	0	0	0	2	0	0	0	0
Pli	5,396	0	1,476	2,106	0	46	83,013	92,037	9	0	3	4	0	52	17	14
Pli At	1,730	0	0	179	0	0	1,917	3,825	3	0	0	0	0	0	0	1
Pli Bl	93	0	942	10	0	0	4,342	5,386	0	0	2	0	0	0	1	1
Pli Hw	0	130	0	1,176	0	0	0	1,306	0	1	0	3	0	0	0	0
Pli Sw	3,478	0	486	164	0	0	1,899	6,027	6	0	1	0	0	0	0	1
Pli Sx	6,399	0	6,320	2,096	0	0	138,957	153,772	11	0	15	4	0	0	28	24
Sw	17,077	0	99	0	0	0	373	17,549	28	0	0	0	0	0	0	3
Sw At	3,160	0	0	0	0	0	91	3,250	5	0	0	0	0	0	0	1
Sw Pli	4,630	0	687	26	0	0	2,136	7,478	8	0	2	0	0	0	0	1
Sx	4,009	25	1,891	1,073	0	0	46,765	53,763	7	0	4	2	0	0	10	8
Sx Bl	1,572	0	12,076	4,200	0	0	98,489	116,338	3	0	29	9	0	0	20	18
Sx Fdi	0	0	0	48	0	0	3,966	4,015	0	0	0	0	0	0	1	1
Sx Pli	6,406	0	8,599	1,442	0	42	83,869	100,358	11	0	20	3	0	48	17	15
Subtotal	53,956	9,115	39,579	40,947	11	89	475,931	619,628	89	90	94	87	100	100	97	95
Other	6,568	984	2,615	5,994	0	0	13,492	29,652	11	10	6	13	0	0	3	5
Total	**60,523**	**10,099**	**42,194**	**46,941**	**11**	**89**	**489,423**	**649,280**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**

Northern Interior Forest Region – At Free Growing

Table 15 depicts tree species composition at free growing by species grouping and biogeoclimatic zone across all reporting periods at free growing.

Table 15. Tree species composition at free growing across all reporting periods, Northern Region

Species Mix	Area (ha)								Percent (%)							
	Biogeoclimatic Zone								Biogeoclimatic Zone							
	BWBS	CWH	ESSF	ICH	MH	SBPS	SBS	Total	BWBS	CWH	ESSF	ICH	MH	SBPS	SBS	Total
At EP	532	20	7	810	0	22	1,545	2,936	1	0	0	2	0	25	0	0
At Pli	1,719	0	20	604	0	24	9,739	12,105	3	0	0	1	0	27	2	2
At Sw	1,697	0	26	0	0	0	496	2,219	3	0	0	0	0	0	0	0
At Sx	2,167	9	54	549	0	0	9,789	12,567	4	0	0	1	0	0	2	2
Ba HM	0	0	12	111	11	0	0	135	0	0	0	0	100	0	0	0
Ba Hw	0	2,204	38	1,456	0	0	103	3,800	0	22	0	3	0	0	0	1
Ba Pli	64	0	1,387	542	0	0	4,775	6,769	0	0	3	1	0	0	1	1
Ba Sw	233	0	2,231	0	0	0	938	3,401	0	0	5	0	0	0	0	1
Ba Sx	535	0	4,895	958	0	0	13,472	19,859	1	0	12	2	0	0	3	3
EP Sw	2,188	0	0	0	0	0	134	2,322	4	0	0	0	0	0	0	0
EP Sx	955	5	135	1,058	0	0	6,753	8,906	2	0	0	2	0	0	1	1
Hw Ba	0	4,797	7	2,427	0	0	87	7,318	0	47	0	5	0	0	0	1
Hw Cw	0	780	0	1,041	0	0	22	1,843	0	8	0	2	0	0	0	0
Hw Pli	0	216	0	1,894	0	0	0	2,110	0	2	0	4	0	0	0	0
Hw Sx	0	460	49	3,078	0	0	21	3,609	0	5	0	7	0	0	0	1
Pli	392	18	1,126	86	0	6	34,980	36,607	1	0	3	0	0	7	7	6
Pli At	3,176	0	670	1,945	0	0	47,756	53,546	5	0	2	4	0	0	10	8
Pli Ba	543	0	3,786	1,411	0	0	35,925	41,665	1	0	9	3	0	0	7	6
Pli EP	462	1	44	1,721	0	0	4,920	7,148	1	0	0	4	0	0	1	1
Pli Hw	0	78	0	3,247	0	0	0	3,325	0	1	0	7	0	0	0	1
Pli Sw	1,655	0	862	0	0	0	4,278	6,795	3	0	2	0	0	0	1	1
Pli Sx	4,641	13	4,720	2,314	0	36	102,496	114,219	8	0	11	5	0	41	21	18
Sw AC	3,558	0	238	50	0	0	1,184	5,030	6	0	1	0	0	0	0	1
Sw At	3,664	0	14	71	0	0	1,704	5,453	6	0	0	0	0	0	0	1
Sw Ba	970	0	2,182	186	0	0	5,003	8,342	2	0	5	0	0	0	1	1
Sw EP	5,471	0	5	0	0	0	1,286	6,762	9	0	0	0	0	0	0	1
Sw Pli	2,625	0	543	92	0	0	3,249	6,509	4	0	1	0	0	0	1	1
Sx	906	2	1,402	712	0	0	14,561	17,583	1	0	3	2	0	0	3	3
Sx AC	2,219	50	195	1,153	0	0	5,806	9,423	4	0	0	2	0	0	1	1
Sx At	4,162	0	1,497	1,824	0	0	34,004	41,487	7	0	4	4	0	0	7	6
Sx Ba	1,730	95	10,222	3,630	0	0	64,908	80,585	3	1	24	8	0	0	13	12
Sx EP	2,439	0	260	1,477	0	0	10,495	14,671	4	0	1	3	0	0	2	2
Sx Hw	0	110	76	2,959	0	0	460	3,606	0	1	0	6	0	0	0	1
Sx Pli	3,880	0	3,563	2,952	0	0	50,189	60,583	6	0	8	6	0	0	10	9
Subtotal	52,578	8,859	40,267	40,354	11	89	471,077	613,235	87	88	95	86	100	100	96	94
Other	7,945	1,240	1,927	6,587	0	0	18,346	36,045	13	12	5	14	0	0	4	6
Total	**60,523**	**10,099**	**42,194**	**46,941**	**11**	**89**	**489,423**	**649,280**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**

1.d *Southern Interior Forest Region*

The following section provides a detailed species composition classification for the Southern Interior Forest Region.

Table 16 depicts tree species composition before harvest by species grouping and biogeoclimatic zone across all reporting periods. Detailed species compositions for the Southern Interior Forest Region are also provided in Appendix IV for the pre- and post-1987 reporting periods.

Tree species composition before harvest across all reporting periods. Southern Region

Species Mix	Area (ha)									Percent (%)								
	Biogeoclimatic Zone									Biogeoclimatic Zone								
	CWH	ESSF	ICH	IDF	MS	PP	SBPS	SBS	Total	CWH	ESSF	ICH	IDF	MS	PP	SBPS	SBS	Total
[illegible]	68	1.288	57	28	96	0	0	139	1.676	8	1	0	0	0	0	0	0	0
[illegible]	43	23.478	3.700	24	461	0	0	467	28.673	5	10	1	0	0	0	0	0	2
[illegible]	0	1.096	1.028	36	448	0	0	334	2.942	0	1	1	0	0	0	0	0	0
[illegible]	0	171	10.611	218	0	0	0	19	11.062	0	0	10	0	0	0	0	0	1
[illegible]	112	298	4.820	115.447	5.226	849	1.086	2.797	129.644	11	0	1	35	2	14	2	3	12
[illegible]	78	256	8.772	1.448	48	0	0	0	10.625	1	0	5	0	0	0	0	0	1
[illegible]	0	171	6.081	9.550	4.179	0	0	0	20.982	0	0	4	3	1	0	1	0	2
[illegible]	0	911	11.410	13.608	6.240	2.011	1.984	4.002	41.795	0	0	6	21	4	44	1	4	4
[illegible]	180	397	3.197	4.118	1.950	0	0	233	10.274	20	0	2	1	1	0	0	0	1
[illegible]	0	127	3.881	1.685	330	0	319	2.656	9.002	0	0	2	1	0	0	0	3	1
[illegible]	106	337	592	0	18	0	0	0	853	12	0	0	0	0	0	0	0	0
[illegible]	0	868	11.667	109	0	0	0	0	18.797	0	0	6	0	0	0	0	0	1
[illegible]	0	204	1.843	2.344	2.298	0	0	0	6.685	0	0	2	1	2	0	0	0	1
[illegible]	0	104	2.408	1.479	1.937	24	0	0	6.101	0	0	1	0	1	1	0	0	1
[illegible]	0	53.131	3.502	69.867	94.790	232	50.638	22.238	234.402	0	0	1	21	40	5	34	23	21
[illegible]	0	1.118	9.703	21.262	11.007	1.237	7.325	15.447	76.342	2	1	5	10	1	10	3	11	1
[illegible]	0	1.493	1.482	6.804	3.890	0	0	0	19.800	0	1	1	1	0	0	0	0	2
[illegible]	0	10.628	2.489	1.823	12.232	0	40	484	31.983	0	0	1	1	11	0	0	1	3
[illegible]	0	6.608	4.892	1.841	8.209	0	6.462	12.871	40.909	0	3	3	1	5	0	11	13	4
[illegible]	0	10.051	2.686	602	1.791	0	0	190	15.330	0	5	1	0	1	0	0	0	1
[illegible]	119	1.371	188	0	320	0	6	31	2.029	13	1	0	0	0	0	0	0	0
[illegible]	11	69.092	6.072	287	7.236	0	0	956	84.184	1	32	4	0	5	0	3	1	8
[illegible]	70	2.431	1.916	432	2.633	0	0	369	7.851	8	1	1	0	2	0	0	1	1
[illegible]	0	7.996	901	741	6.353	0	0	1.601	17.592	0	4	0	0	1	0	0	0	1
[illegible]	0	9.650	3.650	210	316	0	464	8.232	21.991	0	4	2	0	0	0	1	8	2
[illegible]	0	4.348	1.071	2	0	0	0	1.146	8.569	0	2	2	0	0	0	0	1	1
[illegible]	0	29.084	6.090	776	951	0	710	6.431	44.795	0	14	3	0	1	0	0	7	4
[illegible]	0	449	3.455	74	169	0	79	1.078	5.204	0	0	2	0	0	0	0	1	1
[illegible]	0	2.154	3.310	219	2.136	0	1.711	16.121	30.749	0	1	2	0	1	0	2	16	3
Subtotal	777	265.454	148.602	330.720	147.495	4.474	68.325	96.203	1.001.610	88	87	79	99	98	100	99	98	95
Other	110	7.127	39.209	3.786	3.088	0	437	2.088	56.046	12	3	21	1	2	0	1	2	5
Total	888	272.741	187.812	334.105	150.583	4.474	68.763	98.291	1.057.656	100	100	100	100	100	100	100	100	100

Southern Interior Forest Region – At Free Growing

Table 17 depicts tree species composition at free growing by species grouping and biogeoclimatic zone across all reporting periods.

Tree species composition at free growing across all reporting periods, Southern Region

Species Mix	Area (ha)									Percent (%)								
	Biogeoclimatic Zone									Biogeoclimatic Zone								
	CWH	ESSF	ICH	IDF	MS	PP	SBPS	SBS	Total	CWH	ESSF	ICH	IDF	MS	PP	SBPS	SBS	Total
At Pli	0	60	780	7,477	977	0	3,138	2,652	15,085	0	0	0	2	1	0	5	3	1
Ba Pli	0	8,599	1,160	744	4,224	0	87	1,552	16,066	0	4	1	0	3	0	0	2	2
Ba Se	119	25,867	1,554	152	1,682	0	0	44	29,417	13	12	1	0	1	0	0	0	3
Ba Sx	21	46,252	4,143	796	4,019	0	60	4,674	58,934	2	21	2	0	3	0	0	5	6
Cw Hw	0	43	8,040	141	0	0	0	0	8,224	0	0	4	0	0	0	0	0	1
Ep Fdc	60	0	67	32	0	0	0	53	226	7	0	0	0	0	0	0	0	0
Fdc Ba	92	23	158	290	83	0	0	2	648	10	0	0	0	0	0	0	0	0
Fdi	0	200	2,449	72,252	7,093	538	747	3,641	79,920	0	0	1	22	1	12	1	2	8
Fdi At	0	42	1,263	11,348	699	0	454	1,343	15,148	0	0	1	3	0	0	1	1	1
Fdi Cw	0	12	9,269	1,111	102	0	0	0	10,493	0	0	5	0	0	0	0	0	1
Fdi Ep	0	12	3,790	3,126	195	0	74	833	8,030	0	0	2	1	0	0	0	1	1
Fdi Hw	0	79	3,488	12,435	1,936	122	0	0	20,059	0	0	2	4	1	1	0	0	2
Fdi Pli	98	824	6,962	91,117	5,149	2,443	1,858	3,119	111,546	6	0	4	27	3	56	3	3	11
Fdi Sx	0	937	6,095	16,067	2,461	0	631	2,387	25,217	0	0	3	4	2	0	1	2	2
Hw Cw	0	79	6,366	97	0	0	0	0	6,541	0	0	3	0	0	0	0	0	1
Lw Fdi	0	47	1,894	2,866	1,495	0	0	0	6,303	0	0	1	1	1	0	0	0	1
Pli	0	3,976	3,213	18,671	17,587	112	20,778	6,683	71,020	0	2	2	6	12	3	30	7	7
Pli At	0	634	2,288	24,809	6,706	0	16,740	7,897	59,074	0	0	1	7	4	0	24	8	6
Pli Ba	0	15,873	4,041	2,319	25,418	0	1,169	6,573	55,194	0	7	2	1	17	0	2	7	5
Pli Fdi	0	669	9,035	10,137	9,238	1,196	7,085	4,049	41,409	1	0	5	9	6	27	7	4	5
Pli Lw	0	428	2,140	2,921	7,131	0	4	0	12,624	0	0	1	1	5	0	0	0	1
Pli Se	0	1,180	910	782	4,347	0	0	143	7,362	0	1	0	0	3	0	0	0	1
Pli Sx	0	11,974	5,105	5,082	25,065	0	16,477	16,104	79,807	0	6	3	2	17	0	24	16	8
Sx Ba	271	16,361	2,407	101	1,559	0	0	33	21,331	11	8	1	0	1	0	0	0	2
Sx Cw	5	168	3,090	11	2	0	0	0	3,277	1	0	2	0	0	0	0	0	0
Sx	0	6,599	2,731	128	339	0	79	1,191	11,066	0	3	1	0	0	0	0	1	1
Sx At	0	1,284	1,564	533	467	0	495	3,570	7,913	0	1	1	0	0	0	1	4	1
Sx Ba	101	45,248	8,636	690	4,304	0	255	10,092	69,326	11	21	5	0	3	6	0	10	7
Sx Cw	32	718	10,518	126	8	0	0	8	11,429	4	0	6	0	0	0	0	0	1
Sx Fdi	0	644	1,882	1,721	804	0	59	1,310	8,440	0	0	2	1	1	0	0	1	1
Sx Pli	0	8,027	5,597	768	4,136	0	1,146	10,691	30,365	0	4	3	0	3	0	2	11	3
Subtotal	760	197,755	121,820	306,548	134,424	4,408	66,335	87,320	919,349	86	93	65	92	89	99	96	89	87
Other	127	15,006	65,992	27,557	16,159	66	2,428	10,971	138,307	14	7	35	8	11	1	4	11	13
Total	888	212,741	187,812	334,105	150,583	4,474	68,763	98,291	1,057,656	100	100	100	100	100	100	100	100	100

APPENDIX II. DETAILED SPECIES COMPOSITION REPORTS – BRITISH COLUMBIA

Before Harvest – British Columbia (pre-1987)

Species Mix	Area (ha) Biogeoclimatic Zone											
	BWBS	CDF	CWH	ESSF	ICH	IDF	MH	MS	PP	SBPS	SBS	Total
AC	0	0	377	0	64	0	0	0	0	0	0	440
AC DR	0	0	126	0	0	0	0	0	0	0	0	126
AC SX	0	0	0	0	144	0	0	0	0	0	0	144
AT PLI	146	0	0	0	44	123	0	61	0	0	100	474
AT SX	117	0	0	0	47	0	0	0	0	0	918	1,082
BA	0	0	516	98	35	0	140	0	0	0	0	789
BA CW	0	0	162	0	0	0	0	0	0	0	0	162
BA FDC	0	0	307	3	0	11	0	0	0	0	0	321
BA HM	0	0	125	0	0	0	346	0	0	0	0	471
BA HW	0	57	7,814	360	0	0	2,780	0	0	0	0	11,010
BA SE	0	0	173	316	0	0	106	61	0	0	0	656
BA SX	0	0	162	55	1,493	0	37	0	0	0	70	1,817
BA YC	0	0	209	0	0	0	150	0	0	0	0	359
BL	0	0	68	1,319	357	26	0	56	0	0	1,506	3,331
BL CW	0	0	0	150	230	0	0	0	0	0	0	380
BL HW	0	0	0	182	649	0	0	0	0	0	0	831
BL PLI	0	0	0	342	293	0	0	66	0	44	1,493	2,238
BL SE	0	0	43	19,308	1,469	24	118	369	0	0	393	21,723
BL SX	0	0	0	4,139	1,457	33	0	347	0	0	4,072	10,048
CW	0	0	1,536	184	4,703	268	0	0	0	0	0	6,691
CW BA	0	0	325	124	33	33	0	0	0	0	0	515
CW BL	0	0	0	0	293	0	0	0	0	0	39	332
CW FDC	0	0	914	0	0	0	0	0	0	0	0	914
CW FDI	0	0	0	83	1,923	147	0	0	0	0	0	2,152
CW HW	0	0	15,469	125	15,330	235	89	0	0	0	16	31,264
CW PLI	0	0	0	0	234	0	0	0	0	0	0	234
CW SE	0	0	0	133	2,716	0	0	0	0	0	0	2,849
CW SX	0	0	47	297	4,025	59	0	92	0	0	0	4,520
CW YC	0	0	1,259	0	0	0	0	0	0	0	0	1,259
DR FDC	0	0	223	0	0	0	0	0	0	0	0	223
FDC	0	180	3,870	49	0	548	48	0	0	0	0	4,694
FDC BA	0	0	852	36	0	0	0	0	0	0	0	888
FDC CW	0	82	6,301	0	0	524	0	0	0	0	0	6,907
FDC DR	0	42	285	0	0	0	0	0	0	0	0	327
FDC HW	0	61	6,410	20	0	225	0	0	0	0	0	6,715
FDC PLC	0	0	246	122	0	232	0	0	0	0	0	600
FDI	0	0	112	207	4,009	100,963	0	2,864	579	1,036	2,720	112,489
FDI AT	0	0	0	0	72	103	0	0	0	0	0	175
FDI BL	0	0	0	102	110	32	0	45	0	0	0	289

continued next page

Species Mix	Area (ha) Biogeoclimatic Zone											
	BWBS	CDF	CWH	ESSF	ICH	IDF	MH	MS	PP	SBPS	SBS	Total
FDI CW	0	0	21	294	5,258	978	0	49	0	0	0	6,601
FDI EP	0	0	0	0	126	210	0	0	0	0	0	336
FDI HW	0	0	6	0	1,920	0	0	0	0	0	0	1,926
FDI LW	0	0	0	160	4,140	4,631	0	2,505	0	0	0	11,436
FDI PLI	0	0	0	490	6,380	50,674	0	3,948	1,308	1,364	3,549	67,713
FDI SE	0	0	180	551	2,723	3,750	0	1,656	0	0	211	9,071
FDI SX	0	0	0	127	2,567	680	0	46	0	241	2,813	6,474
HM	0	0	0	0	0	0	152	0	0	0	0	152
HM BA	0	0	19	0	0	0	138	0	0	0	0	157
HW	0	0	2,097	141	4,492	0	0	0	0	0	43	6,773
HW BA	0	0	27,299	0	1,051	0	1,874	22	0	0	0	30,247
HW BL	0	0	382	323	4,470	0	0	18	0	0	0	5,192
HW CW	0	0	12,069	615	14,854	79	0	37	0	0	0	27,655
HW DR	0	0	232	0	0	0	0	0	0	0	0	232
HW EP	0	0	200	0	0	0	0	0	0	0	0	200
HW FDC	0	0	4,608	8	69	86	46	0	0	0	0	4,817
HW FDI	0	0	0	42	1,929	0	0	0	0	0	0	1,971
HW LW	0	0	0	39	223	0	0	0	0	0	0	262
HW PLC	0	0	72	0	822	0	0	0	0	0	0	894
HW PLI	0	0	0	8	1,421	0	0	0	0	0	0	1,429
HW SE	0	0	0	116	1,443	0	0	0	0	0	0	1,559
HW SS	0	0	3,407	0	0	0	0	0	0	0	0	3,407
HW SX	0	0	2,378	0	2,412	0	0	0	0	0	148	4,938
HW YC	0	0	1,933	0	0	0	342	0	0	0	0	2,275
LW	0	0	0	58	467	564	0	60	0	0	0	1,148
LW CW	0	0	0	22	265	0	0	0	0	0	0	287
LW FDI	0	0	0	200	2,853	1,177	0	1,703	0	0	0	5,933
LW PLI	0	0	0	64	1,326	855	0	1,581	24	0	0	3,850
LW SE	0	0	0	210	926	0	0	130	0	0	0	1,266
LW SX	0	0	0	0	83	0	0	85	0	0	0	168
PLC	0	0	115	0	349	0	0	0	0	0	0	464
PLC BL	0	0	0	0	66	0	0	0	0	0	71	137
PLC CW	0	0	0	0	142	0	0	0	0	0	0	142
PLC FDC	0	0	17	137	0	0	0	0	0	0	0	155
PLC HW	0	0	0	0	533	0	0	0	0	0	0	533
PLC SE	0	0	109	0	0	0	0	0	0	0	0	109
PLC SX	0	0	0	0	1,173	0	0	0	0	0	0	1,173
PLI	4,180	0	0	10,500	8,198	54,594	0	43,537	86	33,350	87,964	242,409
PLI AT	1,061	0	0	0	67	684	0	98	0	71	1,649	3,632
PLI BA	0	0	0	74	221	0	0	22	0	0	0	317
PLI BL	0	0	0	2,174	268	96	0	1,011	0	0	2,682	6,232
PLI FDI	0	0	0	1,009	5,515	27,975	0	7,016	1,067	2,423	10,119	55,124
PLI HW	0	0	105	0	1,100	0	0	0	0	0	0	1,205

continued next page

Species Mix	Area (ha)											
	Biogeoclimatic Zone											
	BWBS	CDF	CWH	ESSF	ICH	IDF	MH	MS	PP	SBPS	SBS	Total
PLI LW	0	0	0	775	3,277	2,201	0	4,620	0	0	0	10,873
PLI SE	0	0	0	9,332	2,170	1,429	0	13,980	0	0	763	27,673
PLI SW	1,905	0	0	193	164	0	0	0	0	0	1,121	3,383
PLI SX	5,320	0	0	9,492	5,425	814	0	3,599	0	6,264	123,563	154,477
SE	0	0	0	9,771	2,355	251	0	1,650	0	0	230	14,257
SE BA	0	0	183	1,148	186	0	0	320	0	0	31	1,868
SE BL	0	0	31	65,530	6,190	287	0	6,847	0	0	907	79,792
SE CW	0	0	0	946	2,377	64	0	10	0	0	0	3,397
SE FDI	0	0	76	1,288	1,760	319	0	2,500	0	0	563	6,506
SE HW	0	0	0	43	565	13	0	0	0	0	0	621
SE LW	0	0	0	351	278	0	0	69	0	0	0	699
SE PLI	0	0	0	7,380	834	187	0	5,795	0	0	1,557	15,753
SS BA	0	0	117	0	0	0	0	0	0	0	0	117
SS HW	0	0	1,715	0	0	0	0	0	0	0	0	1,715
SW	15,102	0	0	63	0	0	0	0	0	0	302	15,466
SW AC	1,539	0	0	0	0	0	0	0	0	0	0	1,539
SW AT	2,309	0	0	0	0	0	0	0	0	0	68	2,377
SW BA	0	0	0	206	0	0	0	0	0	0	109	315
SW BL	319	0	0	536	0	0	0	0	0	0	669	1,523
SW EP	570	0	0	0	0	0	0	0	0	0	0	570
SW HW	0	0	0	0	106	0	0	0	0	0	0	106
SW PLI	3,144	0	0	356	0	0	0	0	0	0	909	4,408
SX	3,703	0	109	9,313	4,215	152	0	207	0	255	51,067	69,020
SX AC	88	0	20	0	273	0	0	0	0	0	89	470
SX AT	752	0	0	0	211	0	0	0	0	0	1,920	2,882
SX BA	0	0	306	4,330	3,071	2	46	0	0	0	1,571	9,324
SX BL	1,389	0	0	30,748	8,905	704	0	404	0	210	93,157	135,517
SX CW	0	0	171	202	2,493	0	0	0	0	0	167	3,033
SX FDI	0	0	0	359	2,827	24	0	72	0	79	6,462	9,823
SX HW	0	0	775	110	787	0	0	0	0	0	301	1,972
SX LW	0	0	0	63	18	0	0	149	0	0	0	231
SX PLC	0	0	135	0	445	0	0	0	0	0	0	580
SX PLI	5,933	0	0	12,672	3,940	249	0	1,062	0	1,599	88,525	113,981
YC CW	0	0	113	0	0	0	0	0	0	0	0	113
YC HW	0	0	377	0	0	0	63	0	0	0	0	440
YC SS	0	0	116	0	0	0	0	0	0	0	0	116
Subtotal	47,576	422	107,422	210,321	172,448	257,315	6,477	108,768	3,064	46,936	494,624	1,455,373
Other	156	6	899	280	813	303	6	33	0	0	147	2,642
Total	**47,732**	**428**	**108,321**	**210,600**	**173,262**	**257,617**	**6,483**	**108,801**	**3,064**	**46,936**	**494,772**	**1,458,015**

At Free Growing – British Columbia (pre-1987)

Species Mix	Area (ha) Biogeoclimatic Zone											
	BWBS	CDF	CWH	ESSF	ICH	IDF	MH	MS	PP	SBPS	SBS	Total
AC	55	0	55	0	24	0	0	7	0	0	0	141
AC AT	216	0	0	3	71	6	0	0	0	10	194	500
AC CW	0	0	46	11	105	0	0	0	0	0	0	162
AC DR	0	0	304	0	22	0	0	0	0	0	0	326
AC EP	57	0	0	0	221	4	0	0	0	0	80	362
AC FDI	0	0	0	0	208	0	0	0	0	0	15	223
AC PLI	127	0	0	0	230	10	0	9	0	0	125	500
AC SW	514	0	0	45	0	0	0	0	0	0	158	717
AC SX	351	0	51	71	428	55	0	4	0	11	378	1,350
AT	123	0	0	8	2	95	0	4	0	0	116	348
AT AC	692	0	0	0	117	61	0	10	0	82	379	1,341
AT BA	20	0	0	165	122	0	0	145	0	39	933	1,424
AT CW	0	0	0	0	104	0	0	0	0	0	0	104
AT EP	371	0	20	7	978	192	0	5	0	33	1,641	3,246
AT FDC	0	0	0	0	3	33	0	0	0	0	134	170
AT FDI	0	0	0	0	133	873	0	136	0	67	369	1,578
AT LW	0	0	0	0	98	35	0	0	0	0	0	133
AT PLI	1,264	0	0	47	891	5,947	0	776	0	2,008	10,921	21,852
AT SE	0	0	0	0	91	2	0	64	0	0	0	157
AT SW	964	0	0	26	55	0	0	0	0	0	468	1,513
AT SX	1,747	0	9	189	667	381	0	142	0	276	9,758	13,169
BA	0	0	99	3,676	204	17	130	155	0	0	569	4,850
BA AC	0	0	0	23	33	0	0	0	0	0	47	103
BA AT	37	0	0	3	125	20	0	68	0	20	543	817
BA CW	0	0	800	407	1,625	12	29	70	0	0	98	3,041
BA DR	0	0	6	175	105	0	0	28	0	0	23	337
BA EP	0	0	7	0	81	0	0	26	0	0	973	1,087
BA FDC	0	0	630	0	32	61	19	52	0	0	7	801
BA FDI	0	0	0	266	698	220	0	617	0	0	415	2,215
BA HM	0	52	1,346	8	109	0	1,475	0	0	0	0	2,990
BA HW	0	0	11,387	756	870	0	1,558	33	0	0	57	14,661
BA LW	0	0	0	9	234	10	0	50	0	0	0	303
BA PLI	0	0	0	8,621	1,385	237	0	3,649	0	67	4,552	18,511
BA SE	0	0	1,810	25,377	1,387	164	1,048	1,623	0	0	44	31,453
BA SW	220	0	0	2,151	0	0	0	0	0	0	843	3,214
BA SX	384	0	535	41,337	4,291	781	105	3,583	0	56	16,319	67,390
BA YC	0	5	1,481	0	0	0	926	0	0	0	0	2,412
CW	0	0	74	16	330	26	0	11	0	0	0	456
CW AC	0	0	0	0	271	12	0	0	0	0	0	283
CW AT	0	0	0	0	289	0	0	9	0	0	0	299
CW BA	0	0	577	84	1,520	21	0	30	0	0	0	2,232
CW DR	0	0	55	0	243	9	0	0	0	0	0	307
CW EP	0	0	8	0	1,235	116	0	101	0	0	27	1,486

continued next page

Species Mix	Area (ha) Biogeoclimatic Zone											
	BWBS	CDF	CWH	ESSF	ICH	IDF	MH	MS	PP	SBPS	SBS	Total
CW FDC	0	0	1,393	0	216	120	0	0	0	0	0	1,728
CW FDI	0	0	0	14	3,234	473	0	11	0	0	43	3,775
CW HW	0	0	6,378	43	6,954	139	0	0	0	0	0	13,513
CW LW	0	0	0	0	151	0	0	0	0	0	0	151
CW PLI	0	0	18	6	627	30	0	0	0	0	0	681
CW SE	0	0	48	159	891	0	0	0	0	0	0	1,098
CW SS	0	0	379	0	0	0	0	0	0	0	0	379
CW SX	0	0	25	144	2,987	34	0	42	0	0	174	3,404
CW YC	0	0	109	0	0	0	0	0	0	0	0	109
DR AC	0	0	356	0	53	0	0	0	0	0	19	428
DR BA	0	0	67	89	202	52	0	37	0	0	0	447
DR CW	0	0	90	0	245	3	0	0	0	0	0	338
DR FDC	0	0	81	0	26	0	0	0	0	0	0	107
DR FDI	0	0	0	0	95	115	0	0	0	0	0	210
DR HW	0	0	520	0	0	0	0	0	0	0	0	520
DR PLI	0	0	0	166	778	110	0	625	0	0	8	1,686
DR SS	0	0	334	0	0	0	0	0	0	0	0	334
DR SX	0	0	24	171	143	5	0	76	0	0	30	449
DR W	0	0	0	99	77	25	0	59	0	0	0	260
EP	331	0	0	23	0	0	0	3	0	0	38	395
EP AC	330	0	15	0	486	22	0	0	0	0	465	1,317
EP AT	471	0	8	89	753	82	0	43	0	33	1,858	3,337
EP BA	116	0	0	7	444	0	0	25	0	0	1,500	2,093
EP CW	0	0	35	0	1,175	313	0	0	0	0	109	1,632
EP FDC	0	0	87	0	29	29	0	0	0	0	106	251
EP FDI	0	0	0	0	1,279	570	0	53	0	0	145	2,047
EP HW	0	0	107	0	509	0	0	0	0	0	7	624
EP PLI	334	0	2	0	1,578	448	0	191	0	0	951	3,503
EP SE	0	0	0	39	53	0	0	10	0	0	0	101
EP SW	2,169	0	0	0	25	0	0	0	0	0	133	2,327
EP SX	777	0	5	135	1,390	38	0	45	0	0	6,645	9,035
FDC	0	34	1,319	16	189	1,504	0	65	0	3	0	3,129
FDC AC	0	0	242	0	61	40	0	0	0	0	50	393
FDC AT	0	0	0	0	5	782	0	5	0	22	100	913
FDC BA	0	6	950	57	141	301	6	42	0	0	17	1,521
FDC CW	0	179	6,719	54	401	978	6	0	0	0	0	8,336
FDC DR	0	42	197	0	0	0	0	0	0	0	0	239
FDC EP	0	0	125	0	101	419	0	0	0	0	145	790
FDC HW	0	110	6,492	36	32	50	22	0	0	0	0	6,740
FDC LW	0	0	0	0	51	86	0	94	0	0	0	231
FDC MB	0	0	104	0	0	32	0	0	0	0	0	136
FDC PLC	0	0	57	38	0	61	0	0	0	0	0	156
FDC PLI	0	0	345	1	271	2,739	0	439	23	12	183	4,015

continued next page

Species Mix	Area (ha) Biogeoclimatic Zone											
	BWBS	CDF	CWH	ESSF	ICH	IDF	MH	MS	PP	SBPS	SBS	Total
FDC SE	0	0	247	27	20	134	0	1	0	0	0	428
FDC SX	0	0	25	46	339	892	0	324	0	7	518	2,151
FDI	0	0	0	94	1,773	55,391	0	1,002	390	440	1,119	60,208
FDI AC	0	0	0	0	515	35	0	0	0	0	15	565
FDI AT	0	0	0	41	821	8,755	0	388	0	149	1,590	11,744
FDI BA	0	0	0	195	691	873	0	1,480	0	34	349	3,622
FDI CW	0	0	0	12	6,287	797	0	29	0	0	0	7,125
FDI DR	0	0	0	0	0	269	0	41	0	0	0	310
FDI EP	0	0	0	0	2,766	2,091	0	269	0	74	480	5,680
FDI HW	0	0	0	20	1,303	0	0	0	0	0	0	1,323
FDI LW	0	0	0	23	1,320	5,805	0	2,202	122	0	0	9,473
FDI MB	0	0	0	0	15	182	0	0	0	0	0	197
FDI PLI	0	0	56	494	4,239	76,817	0	4,064	1,511	1,375	2,644	91,199
FDI SE	0	0	0	386	1,361	2,099	0	319	0	0	0	4,164
FDI SX	0	0	0	497	4,050	9,639	0	1,415	0	432	1,827	17,859
HM BA	0	0	91	9	99	0	37	0	0	0	0	235
HW	0	0	580	0	92	0	0	0	0	0	0	672
HW AC	0	0	58	0	249	0	0	0	0	0	0	307
HW BA	0	0	17,381	319	1,192	0	307	0	0	0	87	19,286
HW CW	0	0	18,040	74	5,064	104	1	0	0	0	22	23,304
HW DR	0	0	768	0	0	0	4	0	0	0	0	772
HW EP	0	0	81	0	613	0	0	0	0	0	0	694
HW FDC	0	0	4,543	8	140	26	48	0	0	0	0	4,765
HW FDI	0	0	0	21	788	0	0	0	0	0	0	810
HW PLI	0	0	167	0	1,523	0	0	0	0	0	0	1,690
HW SE	0	0	30	62	222	0	4	0	0	0	0	318
HW SS	0	0	10,697	0	0	0	0	0	0	0	0	10,697
HW SX	0	0	988	72	2,720	0	0	0	0	0	21	3,801
HW YC	0	0	266	0	0	0	33	0	0	0	0	299
LW	0	0	0	7	24	80	0	7	0	0	2	120
LW AT	0	0	0	0	141	26	0	22	0	0	0	189
LW CW	0	0	0	0	109	0	0	18	0	0	0	127
LW FDI	0	0	0	17	781	1,211	0	694	0	0	0	2,703
LW PLI	0	0	0	89	530	418	0	861	24	0	0	1,924
LW SE	0	0	0	33	111	0	0	49	0	0	0	192
LW SX	5	0	0	75	284	143	0	221	0	0	0	728
MB CW	0	0	6	0	150	0	0	0	0	0	0	156
MB DR	0	0	65	0	51	0	0	0	0	0	0	116
MB EP	0	0	24	0	54	29	0	0	0	0	0	107
PLC	0	0	104	0	0	0	0	0	0	0	0	104
PLC EP	0	0	77	0	66	0	0	0	0	0	0	143
PLC FDC	0	0	74	61	0	25	0	0	0	0	0	160
PLC HW	0	0	10	0	103	0	0	0	0	0	0	113

continued next page

Species Mix	Area (ha) Biogeoclimatic Zone											
	BWBS	CDF	CWH	ESSF	ICH	IDF	MH	MS	PP	SBPS	SBS	Total
PLC SE	0	0	99	13	0	0	0	0	0	0	0	112
PLI	189	0	90	3,689	2,368	14,643	0	10,259	99	12,792	31,186	75,316
PLI AC	749	0	0	151	1,266	174	0	449	0	84	1,888	4,760
PLI AT	1,854	0	0	999	2,929	19,302	0	4,374	0	10,741	43,121	83,320
PLI BA	203	0	26	14,850	4,185	2,049	0	19,548	0	1,068	34,074	76,002
PLI CW	0	0	0	5	1,778	79	0	21	0	0	14	1,897
PLI DR	0	0	0	0	466	22	0	665	0	69	0	1,222
PLI EP	316	0	0	44	2,181	273	0	508	0	618	4,315	8,254
PLI FDC	0	0	11	103	556	1,874	0	709	9	209	840	4,310
PLI FDI	0	0	0	563	5,058	23,467	0	7,561	885	1,846	4,858	44,238
PLI HW	0	0	50	46	2,392	0	0	0	0	0	0	2,488
PLI LW	0	0	0	360	1,191	1,923	0	5,364	0	4	0	8,841
PLI SE	0	0	0	2,840	799	667	0	3,856	0	0	100	8,261
PLI SW	1,209	0	0	639	0	0	0	14	0	0	4,089	5,950
PLI SX	3,505	0	0	12,734	5,673	4,084	0	17,355	0	12,820	99,209	155,381
PLI W	0	0	0	38	92	24	0	228	0	0	0	382
SE	0	0	285	1,102	1,004	20	45	136	0	0	0	2,592
SE AC	0	0	0	41	239	0	0	0	0	0	0	280
SE AT	0	0	0	97	282	25	0	110	0	0	0	513
SE BA	0	0	1,106	16,034	2,244	112	448	1,480	0	0	43	21,467
SE CW	0	0	130	161	2,435	3	0	2	0	0	0	2,731
SE FDC	0	0	332	37	248	32	23	67	0	0	0	739
SE FDI	0	0	0	335	1,375	78	0	132	0	0	0	1,919
SE HM	0	0	21	63	0	0	63	0	0	0	0	147
SE HW	0	0	114	173	831	0	32	0	0	0	0	1,150
SE LW	0	0	0	23	12	31	0	84	0	0	0	150
SE PLC	0	0	106	3	0	0	0	0	0	0	0	109
SE PLI	0	0	20	1,438	718	77	0	987	0	0	297	3,537
SS BA	0	0	189	0	0	0	0	0	0	0	0	189
SS CW	0	0	601	0	0	0	0	0	0	0	0	601
SS DR	0	0	213	0	0	0	0	0	0	0	0	213
SS HW	0	0	3,029	0	0	0	0	0	0	0	0	3,029
SW	1,126	0	0	13	0	0	0	0	0	0	370	1,509
SW AC	2,794	0	0	238	50	0	0	0	0	0	1,053	4,135
SW AT	2,856	0	0	14	71	0	0	0	0	0	1,624	4,565
SW BA	843	0	0	1,999	212	0	0	0	0	0	4,723	7,777
SW EP	4,928	0	0	5	0	0	0	0	0	0	1,197	6,130
SW PLI	2,087	0	0	412	92	0	0	0	0	0	3,182	5,773
SX	637	0	24	5,415	2,817	98	0	106	0	24	12,098	21,218
SX AC	1,870	0	50	375	3,240	109	0	61	0	12	6,135	11,851
SX AT	3,818	0	0	2,262	2,501	429	0	330	0	352	33,251	42,944
SX BA	1,257	0	242	45,032	10,662	629	12	3,544	0	249	68,820	130,447
SX CW	0	0	98	677	8,613	89	0	3	0	0	1,309	10,788

continued next page

Species Mix	Area (ha) Biogeoclimatic Zone											
	BWBS	CDF	CWH	ESSF	ICH	IDF	MH	MS	PP	SBPS	SBS	Total
SX DR	0	0	0	106	65	0	0	45	0	0	0	216
SX EP	2,348	0	0	118	2,317	156	0	182	0	20	10,289	15,429
SX FDC	0	0	103	131	522	144	0	35	0	0	515	1,450
SX FDI	0	0	0	624	3,351	1,124	0	559	0	13	2,069	7,741
SX HW	0	0	110	386	4,012	60	0	0	0	0	467	5,035
SX LW	0	0	0	97	141	75	0	116	0	0	33	462
SX PLI	3,428	0	0	8,125	6,774	504	0	2,910	0	767	51,583	74,091
SX W	0	0	0	72	35	0	0	0	0	0	0	107
W BA	0	0	0	22	0	0	0	92	0	0	0	114
W DR	0	0	0	101	90	0	0	8	0	0	0	199
W PLI	0	0	0	0	79	0	0	41	0	0	0	120
YC BA	0	0	155	0	0	0	66	0	0	0	0	221
YC HW	0	0	122	0	0	0	17	0	0	0	0	138
Subtotal	47,692	428	107,631	210,352	171,854	257,211	6,461	108,613	3,064	46,936	494,333	1,454,575
Other	40	0	690	248	1,407	406	22	188	0	0	438	3,441
Total	**47,732**	**428**	**108,321**	**210,600**	**173,262**	**257,617**	**6,483**	**108,801**	**3,064**	**46,936**	**494,772**	**1,458,015**

Before Harvest – British Columbia (post-1987)

Species Mix	Area (ha) Biogeoclimatic Zone											
	BWBS	CDF	CWH	ESSF	ICH	IDF	MH	MS	PP	SBPS	SBS	Total
AC	245	0	15	0	6	0	0	0	0	0	0	266
AT	949	0	0	0	44	17	0	0	0	10	97	1,117
AT AC	234	0	0	0	5	0	0	0	0	0	0	239
AT EP	2	0	0	0	28	12	0	0	0	0	62	104
AT FDI	0	0	0	0	78	66	0	0	0	0	0	143
AT PLI	141	0	0	0	0	112	0	5	0	40	236	534
AT SW	280	0	0	0	0	0	0	0	0	0	0	280
AT SX	59	0	0	0	0	0	0	0	0	17	156	232
BA	0	0	124	23	0	0	22	0	0	0	0	169
BA FDC	0	0	173	0	0	0	0	0	0	0	0	173
BA HM	0	0	66	53	0	0	593	0	0	0	0	713
BA HW	0	90	1,897	59	275	0	258	0	0	0	0	2,579
BA SE	0	0	91	268	1	0	2	23	0	0	58	444
BA SX	0	0	0	97	585	0	0	0	0	0	171	853
BL	6	0	9	2,362	88	0	0	0	0	0	738	3,202
BL HW	0	0	69	66	642	0	3	0	0	0	0	780
BL PLI	0	0	0	276	183	0	0	42	0	0	727	1,228
BL SE	0	0	0	2,276	82	0	0	92	0	0	74	2,523
BL SW	0	0	0	187	0	0	0	0	0	0	161	348
BL SX	0	0	0	7,290	1,143	3	0	101	0	0	3,821	12,358
CW	0	12	255	0	288	4	0	0	0	0	0	559
CW BA	0	0	124	0	0	0	0	0	0	0	0	124
CW BL	0	0	0	0	189	0	0	0	0	0	0	189
CW FDC	0	0	303	0	0	0	0	0	0	0	0	303
CW FDI	0	0	0	1	831	32	0	0	0	0	0	864
CW HW	0	200	6,418	52	3,514	2	0	0	0	0	0	10,187
CW SE	0	0	0	57	601	1	0	0	0	0	0	659
CW SW	0	0	0	0	110	0	0	0	0	0	0	110
CW SX	0	0	0	0	775	0	0	0	0	0	0	775
CW YC	0	2	717	0	0	0	0	0	0	0	0	719
DR	0	30	100	0	0	0	0	0	0	0	0	130
DR FDC	0	29	293	0	17	0	0	0	0	0	0	339
DR MB	0	0	118	0	0	0	0	0	0	0	0	118
FDC	0	123	1,003	5	0	146	0	0	0	0	0	1,277
FDC BA	0	0	149	0	0	0	6	0	0	0	0	155
FDC CW	0	131	1,521	0	0	102	0	0	0	0	0	1,754
FDC DR	0	19	89	0	0	0	0	0	0	0	0	108
FDC HW	0	137	4,020	0	0	59	0	0	0	0	0	4,215
FDC PLI	0	0	28	0	103	4	0	0	0	0	0	135
FDI	0	0	0	23	812	14,684	0	362	241	51	173	16,346
FDI AT	0	0	0	0	154	150	0	4	0	1	11	320
FDI BL	0	0	0	15	28	36	0	54	0	0	0	132
FDI CW	0	0	5	0	3,514	480	0	39	0	0	0	4,038

continued next page

Species Mix	Area (ha) Biogeoclimatic Zone											
	BWBS	CDF	CWH	ESSF	ICH	IDF	MH	MS	PP	SBPS	SBS	Total
FDI EP	0	0	0	0	11	121	0	0	0	0	0	153
FDI HW	0	0	0	0	1,187	0	0	0	0	0	0	1,187
FDI LW	0	0	0	11	2,541	4,919	0	1,674	0	0	0	9,146
FDI PLI	0	0	0	137	5,050	20,734	0	2,292	763	620	1,354	30,949
FDI SE	0	0	0	46	474	368	0	295	0	0	22	1,204
FDI SX	0	0	0	0	1,314	1,005	0	309	0	78	651	3,356
HM BA	0	0	57	0	0	0	225	0	0	0	0	282
HM YC	0	0	60	0	0	0	76	0	0	0	0	136
HW	0	0	410	0	3,413	0	52	0	0	0	0	3,875
HW BA	0	236	11,909	2	1,897	8	432	0	0	0	0	14,483
HW BL	0	0	238	4	1,847	0	0	0	0	0	0	2,088
HW CW	0	135	5,340	54	4,791	30	45	0	0	0	0	10,395
HW FDC	0	0	2,489	0	0	0	9	0	0	0	0	2,497
HW FDI	0	0	0	0	536	0	0	0	0	0	0	536
HW PLI	0	0	6	0	601	0	0	0	0	0	0	607
HW SE	0	0	4	3	217	0	0	0	0	0	0	224
HW SS	0	7	1,102	0	0	0	0	0	0	0	0	1,109
HW SX	0	0	124	7	1,107	0	0	0	0	0	0	1,238
HW YC	0	0	645	0	0	0	74	0	0	0	0	719
LW	0	0	0	31	84	9	0	25	0	0	0	148
LW BL	0	0	0	0	148	0	0	5	0	0	0	154
LW CW	0	0	0	0	127	0	0	0	0	0	0	127
LW FDI	0	0	0	4	988	967	0	593	0	0	0	2,553
LW PLI	0	0	0	40	1,283	573	0	356	0	0	0	2,252
LW SE	0	0	0	55	54	0	0	0	0	0	0	109
LW SX	0	0	0	0	7	0	0	128	0	0	0	134
PLI	1,216	0	0	3,110	3,521	15,278	0	16,213	137	17,314	17,267	74,055
PLI AT	668	0	0	0	250	439	0	52	0	417	884	2,711
PLI BA	0	0	0	18	0	0	0	22	0	0	117	158
PLI BL	93	0	0	953	115	2	0	562	0	23	2,258	4,004
PLI FDI	0	0	16	110	4,277	13,287	0	4,174	270	702	3,616	26,454
PLI HW	0	0	25	0	518	0	0	0	0	0	0	543
PLI LW	0	0	0	718	2,185	2,753	0	3,271	0	0	0	8,927
PLI SE	12	0	0	1,114	316	394	0	3,252	0	49	258	5,393
PLI SW	1,573	0	0	294	10	0	0	0	0	0	778	2,655
PLI SX	1,080	0	0	3,437	1,563	1,057	0	4,609	0	2,219	28,231	42,195
SE	0	0	0	350	331	51	0	141	0	0	0	872
SE BA	0	0	5	277	2	0	12	0	0	0	0	296
SE BL	0	0	0	3,833	442	0	0	386	0	0	60	4,721
SE CW	0	0	0	130	272	13	0	9	0	0	0	425
SE FDI	0	0	0	145	176	113	0	133	0	0	0	567
SE HW	0	0	0	18	151	0	0	0	0	0	0	169
SE PLI	0	0	0	532	56	54	0	558	0	0	258	1,459

continued next page

Ar _ 'ha)

Species Mix	Biogeoclimatic Zone											
	BWBS	CDF	CWH	ESSF	ICH	IDF	MH	MS	PP	SBPS	SBS	Total
SS CW	0	0	200	0	0	0	0	0	0	0	0	200
SS HW	0	0	550	0	0	0	0	0	0	0	0	550
SW	1.975	0	0	36	23	0	0	6	0	0	82	2.111
SW AC	205	0	0	0	0	0	0	0	0	0	0	205
SW AT	851	0	0	0	0	0	0	0	0	0	23	874
SW BL	318	0	0	318	72	0	0	0	0	0	316	1.024
SW PLI	1.486	0	0	332	26	0	0	0	0	0	1.232	3.076
SX	307	0	0	1.682	508	98	0	139	0	208	3.930	6.872
SX AC	17	0	22	7	16	0	0	0	0	0	179	236
SX AT	67	0	0	11	37	0	0	0	0	0	194	308
SX BA	1	0	0	605	161	0	0	0	0	0	345	1.114
SX BL	183	0	0	11.232	1.375	73	0	549	0	0	12.164	25.576
SX CW	0	0	0	47	710	0	0	2	0	0	19	779
SX FDI	0	0	0	90	576	50	0	97	0	0	582	1.395
SX HW	0	0	0	20	196	0	0	0	0	0	55	471
SX PLI	473	0	0	3.081	813	70	0	1.072	0	154	11.469	17.126
YC CW	0	0	127	0	0	0	0	0	0	0	0	127
YC HW	0	0	251	0	0	0	9	0	0	0	0	260
Subtotal	12.443	1.150	41.162	45.994	80.691	78.374	1.818	41.639	1.411	21.900	92.825	399.407
Other	348	35	980	111	800	163	67	143		15	117	2.780
Total	**12.791**	**1.185**	**42.143**	**46.105**	**61.491**	**78.537**	**1,885**	**41.782**	**1.411**	**21.915**	**92.942**	**402.187**

At Free Growing – British Columbia (post-1987)

Species Mix	Area (ha) Biogeoclimatic Zone											
	BWBS	CDF	CWH	ESSF	ICH	IDF	MH	MS	PP	SBPS	SBS	Total
AC AT	174	0	0	0	28	0	0	0	0	0	8	211
AC PLI	43	0	0	8	62	0	0	0	0	0	4	115
AC SX	54	0	0	4	29	0	0	0	0	1	60	148
AT	301	0	0	0	82	17	0	5	0	21	48	475
AT AC	816	0	0	0	22	16	0	1	0	30	51	935
AT BA	0	0	0	0	53	8	0	1	0	0	91	153
AT EP	161	0	0	0	241	66	0	38	0	0	64	569
AT FDI	8	0	0	0	18	439	0	55	0	18	52	580
AT PLI	455	0	0	33	493	1.530	0	202	0	1.155	1.470	5.337
AT SW	732	0	0	0	0	0	0	0	0	0	28	761
AT SX	419	0	0	8	183	148	0	76	0	243	1.141	2.218
BA	0	0	51	1.283	39	0	48	113	0	0	101	1.634
BA AT	0	0	0	34	77	0	0	2	0	8	57	177
BA CW	0	2	499	40	345	0	4	22	0	0	30	941
BA FDC	0	0	183	0	49	11	9	8	0	0	0	260
BA FDI	0	0	0	51	47	0	0	121	0	0	4	222
BA HM	0	0	236	18	2	0	831	0	0	0	0	1.088
BA HW	0	0	1.829	76	1.280	0	146	0	0	0	46	5.356
BA LW	0	0	0	46	98	0	0	58	0	0	0	202
BA PLI	64	0	1	1.366	537	7	0	535	0	20	1.775	4.327
BA SE	0	21	237	1.109	167	5	5	59	0	0	0	1.602
BA SW	13	0	0	84	0	0	0	0	0	0	95	192
BA SX	151	45	411	8.916	810	15	275	456	0	4	1.777	12.859
BA YC	0	0	633	0	0	0	374	0	0	0	0	1.008
CW	0	40	42	12	200	2	0	5	0	0	0	300
CW AT	0	0	0	0	103	13	0	0	0	0	0	116
CW BA	0	5	177	23	274	4	0	0	0	0	0	483
CW EP	0	0	3	0	81	34	0	0	0	0	0	119
CW FDC	0	0	455	0	55	12	0	0	0	0	0	522
CW FDI	0	0	0	0	1.008	81	0	3	0	0	0	1.092
CW HW	0	75	4.214	0	1.337	11	0	0	0	0	0	5.637
CW LW	0	0	0	0	181	1	0	0	0	0	0	183
CW PLI	0	0	14	0	190	0	0	0	0	0	0	205
CW SE	0	0	17	0	129	13	0	0	0	0	0	160
CW SX	0	0	0	62	823	1	0	4	0	0	0	890
CW YC	0	0	203	0	0	0	0	0	0	0	0	203
DR FDC	0	19	72	0	46	0	0	0	0	0	0	136
EP AC	0	0	0	0	136	0	0	0	0	0	0	136
EP AT	168	0	21	7	235	74	0	19	0	1	31	558
EP CW	0	0	9	0	93	16	0	11	0	0	0	148
EP FDC	0	0	105	0	39	5	0	0	0	0	10	159
EP FDI	0	0	0	7	495	161	0	5	0	0	1	669
EP HW	0	0	0	0	183	0	0	0	0	0	0	183

(continued next page)

Species Mix	Area (ha) Biogeoclimatic Zone											
	BWBS	CDF	CWH	ESSF	ICH	IDF	MH	MS	PP	SBPS	SBS	Total
EP PLI	0	0	9	50	583	184	0	87	0	17	259	1,187
EP SX	179	0	0	0	315	2	0	17	0	0	210	722
FDC	0	69	437	0	6	3,229	0	165	10	0	16	3,932
FDC AT	0	0	0	0	7	421	0	96	0	12	101	637
FDC BA	0	51	403	5	17	9	0	41	0	0	2	528
FDC CW	0	121	2,369	0	248	184	0	34	0	0	0	2,956
FDC DR	0	18	195	0	0	0	0	0	0	0	0	213
FDC EP	0	0	79	0	50	152	0	70	0	0	11	362
FDC HW	0	177	3,262	0	33	1	0	0	0	0	0	3,473
FDC LW	0	0	0	0	48	193	0	246	0	0	0	487
FDC PLI	0	16	153	0	66	1,417	0	126	0	0	80	1,858
FDC SE	0	0	20	0	88	66	0	0	0	0	0	175
FDC SX	0	0	77	0	241	127	5	212	0	0	47	708
FDI	0	0	0	106	677	16,861	0	1,091	148	307	601	19,790
FDI AC	0	0	0	0	135	5	0	3	0	0	0	143
FDI AT	0	0	0	1	441	2,592	0	312	0	305	274	3,925
FDI BA	0	0	0	11	181	164	0	360	0	0	65	782
FDI CW	0	0	0	0	2,982	314	0	72	0	0	0	3,368
FDI EP	0	0	0	12	1,025	1,034	0	126	0	0	250	2,447
FDI HW	0	0	0	1	986	32	0	0	0	0	0	1,020
FDI LW	0	0	0	56	2,168	6,609	0	1,714	0	0	0	10,547
FDI PLI	0	0	0	130	2,723	14,521	0	1,085	932	482	956	20,829
FDI SE	0	0	0	0	354	107	0	67	0	0	0	527
FDI SX	0	0	0	80	1,044	4,429	0	1,046	0	199	1,063	7,861
HW	0	0	218	58	283	0	0	0	0	0	0	559
HW BA	0	186	8,970	19	1,547	0	56	0	0	0	0	10,777
HW CW	0	237	6,873	14	2,343	0	16	0	0	0	0	9,482
HW EP	0	0	4	0	259	0	0	0	0	0	0	263
HW FDC	0	39	2,488	0	10	0	0	0	0	0	0	2,537
HW FDI	0	0	0	0	414	0	0	0	0	0	0	414
HW PLC	0	0	181	0	0	0	0	0	0	0	0	181
HW PLI	0	0	84	0	876	0	0	0	0	0	0	959
HW SS	0	17	2,123	0	0	0	0	0	0	0	0	2,139
HW SX	0	0	113	6	855	0	0	0	0	0	0	975
HW YC	0	0	259	0	0	0	0	0	0	0	0	259
LW	0	0	0	341	421	205	0	617	0	0	0	1,584
LW AT	12	0	0	0	204	73	0	84	0	0	0	322
LW BA	0	0	0	80	39	0	0	16	0	0	0	135
LW CW	0	0	7	31	417	3	0	20	0	0	0	478
LW EP	0	0	0	0	59	32	0	34	0	0	0	125
LW FDC	0	0	19	0	4	26	0	117	0	0	0	165
LW FDI	0	0	0	30	1,113	1,656	0	801	0	0	0	3,600
LW PLI	0	0	0	50	628	303	0	474	0	0	0	1,456

continued next page

Species Mix	Area (ha) Biogeoclimatic Zone											
	BWBS	CDF	CWH	ESSF	ICH	IDF	MH	MS	PP	SBPS	SBS	Total
LW SX	0	0	0	66	162	52	0	133	0	0	10	424
PLI	202	0	8	1,412	931	4,029	0	7,327	13	7,993	10,478	32,392
PLI AC	98	0	0	47	339	30	0	153	0	41	459	1,166
PLI AT	1,322	0	0	305	1,304	5,510	0	2,332	0	5,999	12,532	29,303
PLI BA	340	0	1	4,609	1,268	270	0	5,870	0	102	8,425	20,884
PLI CW	0	0	6	8	560	273	0	0	0	0	26	874
PLI DR	0	0	0	0	47	60	0	43	0	0	0	150
PLI EP	147	0	1	13	1,533	190	0	117	0	194	1,440	3,634
PLI FDC	0	4	48	3	66	313	0	181	0	157	257	1,029
PLI FDI	0	0	5	103	3,978	6,670	0	1,678	308	238	1,391	14,371
PLI HW	0	0	33	2	1,589	0	0	0	0	0	0	1,623
PLI LW	0	0	14	120	950	999	0	1,767	0	0	0	3,849
PLI SE	0	0	0	425	112	114	0	492	0	0	44	1,186
PLI SW	446	0	0	223	0	0	0	13	0	0	189	871
PLI SX	1,135	0	17	3,960	1,745	997	0	7,710	0	3,694	19,391	38,650
SE	0	0	0	282	135	22	0	3	0	0	0	443
SE AC	0	0	0	96	65	0	0	0	0	0	0	161
SE BA	0	7	175	1,583	163	3	12	79	0	0	12	2,033
SE CW	0	0	0	15	655	8	0	0	0	0	0	678
SE HW	0	0	0	33	133	0	0	0	0	0	0	166
SE PLI	3	0	0	102	5	1	0	51	0	0	34	197
SS HW	0	0	650	0	0	0	0	0	0	0	0	650
SW	343	0	0	7	0	40	0	0	0	0	164	554
SW AC	764	0	0	16	0	0	0	0	0	0	161	961
SW AT	808	0	0	0	0	0	0	0	0	0	109	917
SW BA	127	0	0	322	0	0	0	0	0	0	363	812
SW EP	543	0	0	0	0	0	0	0	0	0	88	632
SW PLI	538	0	0	131	0	0	0	0	0	0	168	837
SX	268	0	5	2,586	626	30	0	232	0	55	3,655	7,458
SX AC	349	0	0	267	486	5	0	1	0	7	959	2,074
SX AT	344	0	0	519	888	104	0	136	0	143	4,323	6,457
SX BA	473	3	166	10,479	1,604	61	7	760	0	6	6,180	19,738
SX CW	0	0	32	65	2,299	37	0	5	0	0	43	2,481
SX EP	91	0	0	163	406	14	0	7	0	0	1,300	1,981
SX FDC	0	0	60	0	100	14	0	59	0	5	27	265
SX FDI	0	0	0	40	531	597	0	245	0	46	397	1,855
SX HW	0	0	0	63	1,921	0	0	0	0	0	24	2,009
SX LW	17	0	0	4	84	41	0	92	0	0	0	238
SX PLI	452	0	0	3,465	1,774	264	0	1,226	0	379	9,297	16,857
Subtotal	12,552	1,150	40,977	45,822	60,575	78,357	1,789	41,682	1,411	21,878	92,821	399,011
Other	240	36	1,165	283	916	181	96	101	0	37	121	3,176
Total	**12,791**	**1,185**	**42,143**	**46,105**	**61,491**	**78,537**	**1,885**	**41,782**	**1,411**	**21,915**	**92,942**	**402,187**

APPENDIX III. DETAILED SPECIES COMPOSITION REPORTS – COAST FOREST REGION

Before Harvest – Coast Forest Region (pre-1987)

Species Mix	Area (ha)						Percent (%)					
	Biogeoclimatic Zone						Biogeoclimatic Zone					
	CDF	CWH	ESSF	IDF	MH	Total	CDF	CWH	ESSF	IDF	MH	Total
AC	0	307	0	0	0	307	0	0	0	0	0	0
BA	0	516	45	0	140	702	0	1	3	0	2	1
BA CW	0	162	0	0	0	162	0	0	0	0	0	0
BA FDC	0	307	3	11	0	321	0	0	0	1	0	0
BA HM	0	125	0	0	346	471	0	0	0	0	5	0
BA HW	57	7,544	360	0	2,780	10,740	13	7	24	0	43	10
BA SE	0	173	58	0	106	336	0	0	4	0	2	0
BA SX	0	162	55	0	37	254	0	0	4	0	1	0
BA YC	0	209	0	0	150	359	0	0	0	0	2	0
BL SE	0	0	0	0	118	118	0	0	0	0	2	0
CW	0	1,536	0	0	0	1,536	0	2	0	0	0	1
CW BA	0	325	124	0	0	449	0	0	8	0	0	0
CW FDC	0	914	0	0	0	914	0	1	0	0	0	1
CW HW	0	15,462	0	0	89	15,551	0	15	0	0	1	14
CW YC	0	1,259	0	0	0	1,259	0	1	0	0	0	1
DR AC	0	100	0	0	0	100	0	0	0	0	0	0
DR FDC	0	223	0	0	0	223	0	0	0	0	0	0
FDC	180	3,870	49	548	48	4,694	42	4	3	32	1	4
FDC BA	0	852	36	0	0	888	0	1	2	0	0	1
FDC CW	82	6,301	0	524	0	6,907	19	6	0	31	0	6
FDC DR	42	285	0	0	0	327	10	0	0	0	0	0
FDC HW	61	6,410	20	225	0	6,715	14	6	1	13	0	6
FDC PLC	0	246	122	232	0	600	0	0	8	14	0	1
HM	0	0	0	0	152	152	0	0	0	0	2	0
HM BA	0	19	0	0	138	157	0	0	0	0	2	0
HW	0	1,152	0	0	0	1,152	0	1	0	0	0	1
HW BA	0	24,824	0	0	1,874	26,698	0	25	0	0	29	24
HW CW	0	10,542	0	0	0	10,542	0	10	0	0	0	9
HW DR	0	232	0	0	0	232	0	0	0	0	0	0
HW FDC	0	4,608	8	86	46	4,748	0	5	1	5	1	4
HW SS	0	3,372	0	0	0	3,372	0	3	0	0	0	3
HW SX	0	2,069	0	0	0	2,069	0	2	0	0	0	2
HW YC	0	1,933	0	0	342	2,275	0	2	0	0	5	2
PLC	0	115	0	0	0	115	0	0	0	0	0	0
PLC FDC	0	17	137	0	0	155	0	0	9	0	0	0
PLC SE	0	109	0	0	0	109	0	0	0	0	0	0
SE BA	0	64	42	0	0	106	0	0	3	0	0	0

continued next page

Species Mix	Area (ha)						Percent (%)					
	Biogeoclimatic Zone						Biogeoclimatic Zone					
	CDF	CWH	ESSF	IDF	MH	Total	CDF	CWH	ESSF	IDF	MH	Total
SS BA	0	117	0	0	0	117	0	0	0	0	0	0
SS HW	0	1,715	0	0	0	1,715	0	2	0	0	0	2
SX	0	84	54	0	0	138	0	0	4	0	0	0
SX BA	0	256	133	0	46	435	0	0	9	0	1	0
SX CW	0	151	0	0	0	151	0	0	0	0	0	0
SX HW	0	677	100	0	0	777	0	1	7	0	0	1
SX PLC	0	135	0	0	0	135	0	0	0	0	0	0
YC CW	0	113	0	0	0	113	0	0	0	0	0	0
YC HW	0	377	0	0	63	440	0	0	0	0	1	0
YC SS	0	116	0	0	0	116	0	0	0	0	0	0
Subtotal	422	100.083	1,344	1,626	6,477	109,951	99	99	91	95	100	99
Other	6	902	134	84	6	1,132	1	1	9	5	0	1
Total	**428**	**100,985**	**1,478**	**1,709**	**6,483**	**111,083**	**100**	**100**	**100**	**100**	**100**	**100**

At Free Growing – Coast Forest Region (pre-1987)

Species Mix	Area (ha)						Percent (%)					
	Biogeoclimatic Zone						Biogeoclimatic Zone					
	CDF	CWH	ESSF	IDF	MH	Total	CDF	CWH	ESSF	IDF	MH	Total
AC DR	0	238	0	0	0	238	0	0	0	0	0	0
BA	0	99	52	0	130	282	0	0	4	0	2	0
BA CW	0	800	0	0	29	829	0	1	0	0	0	1
BA FDC	0	592	0	6	19	617	0	1	0	0	0	1
BA HM	52	1,346	3	0	1,475	2,876	12	1	0	0	23	3
BA HW	0	9,959	157	0	1,558	11,674	0	10	11	0	24	11
BA SE	0	1,699	443	17	1,048	3,206	0	2	30	1	16	3
BA SX	0	513	35	0	105	653	0	1	2	0	2	1
BA YC	5	1,481	0	0	926	2,412	1	1	0	0	14	2
CW BA	0	470	0	0	0	470	0	0	0	0	0	0
CW FDC	0	1,392	0	66	0	1,458	0	1	0	4	0	1
CW HW	0	6,362	0	0	0	6,362	0	6	0	0	0	6
CW SS	0	378	0	0	0	378	0	0	0	0	0	0
CW YC	0	109	0	0	0	109	0	0	0	0	0	0
DR AC	0	256	0	0	0	256	0	0	0	0	0	0
DR HW	0	490	0	0	0	490	0	0	0	0	0	0
DR SS	0	334	0	0	0	334	0	0	0	0	0	0
FDC	34	1,278	16	122	0	1,450	8	1	1	7	0	1
FDC AC	0	242	0	27	0	269	0	0	0	2	0	0
FDC BA	6	872	34	20	6	938	1	1	2	1	0	1
FDC CW	179	6,719	50	653	6	7,606	42	7	3	38	0	7
FDC DR	42	197	0	0	0	239	10	0	0	0	0	0
FDC EP	0	125	0	114	0	238	0	0	0	7	0	0
FDC HW	110	6,492	36	50	22	6,709	26	6	2	3	0	6

continued next page

Species Mix	Area (ha)						Percent (%)					
	Biogeoclimatic Zone						Biogeoclimatic Zone					
	CDF	CWH	ESSF	IDF	MH	Total	CDF	CWH	ESSF	IDF	MH	Total
FDC MB	0	104	0	32	0	136	0	0	0	2	0	0
FDC PLC	0	57	38	61	0	156	0	0	3	4	0	0
FDC PLI	0	345	3	269	0	617	0	0	0	16	0	1
FDC SE	0	247	6	22	0	274	0	0	0	1	0	0
HM BA	0	91	9	0	37	137	0	0	1	0	1	0
HW	0	578	0	0	0	578	0	1	0	0	0	1
HW BA	0	14,646	13	0	307	14,967	0	15	1	0	5	13
HW CW	0	17,445	9	7	1	17,463	0	17	1	0	0	16
HW DR	0	718	0	0	4	722	0	1	0	0	0	1
HW FDC	0	4,543	8	26	48	4,625	0	4	1	2	1	4
HW SS	0	10,645	0	0	0	10,645	0	11	0	0	0	10
HW SX	0	624	0	0	0	624	0	1	0	0	0	1
HW YC	0	266	0	0	33	299	0	0	0	0	1	0
PLC	0	104	0	0	0	104	0	0	0	0	0	0
PLC FDC	0	74	61	25	0	160	0	0	4	1	0	0
PLC SE	0	99	13	0	0	112	0	0	1	0	0	0
SE	0	285	72	0	45	401	0	0	5	0	1	0
SE BA	0	858	230	14	448	1,549	0	1	16	1	7	1
SE CW	0	125	8	0	0	132	0	0	1	0	0	0
SE FDC	0	332	0	0	23	355	0	0	0	0	0	0
SE HW	0	101	14	0	32	147	0	0	1	0	0	0
SE PLC	0	106	3	0	0	109	0	0	0	0	0	0
SS BA	0	189	0	0	0	189	0	0	0	0	0	0
SS CW	0	587	0	0	0	587	0	1	0	0	0	1
SS DR	0	213	0	0	0	213	0	0	0	0	0	0
SS HW	0	3,029	0	0	0	3,029	0	3	0	0	0	3
SX BA	0	82	18	0	12	112	0	0	1	0	0	0
SX FDC	0	103	74	0	0	177	0	0	5	0	0	0
YC BA	0	155	0	0	66	221	0	0	0	0	1	0
YC HW	0	122	0	0	17	138	0	0	0	0	0	0
Subtotal	428	99,316	1,405	1,529	6,394	109,070	100	98	95	89	99	98
Other	0	1,669	74	181	89	2,013	0	2	5	11	1	2
Total	**428**	**100,985**	**1,478**	**1,709**	**6,483**	**111,083**	**100**	**100**	**100**	**100**	**100**	**100**

Before Harvest – Coast Forest Region (post-1987)

Species Mix	Area (ha) Biogeoclimatic Zone						Percent (%) Biogeoclimatic Zone					
	CDF	CWH	ESSF	IDF	MH	Total	CDF	CWH	ESSF	IDF	MH	Total
BA	0	124	19	0	22	166	0	0	7	0	1	0
BA FDC	0	173	0	0	0	173	0	0	0	0	0	0
BA HM	0	66	53	0	593	713	0	0	18	0	32	2
BA HW	90	1,839	53	0	258	2,240	8	5	18	0	14	5
BA SE	0	91	79	0	2	172	0	0	27	0	0	0
CW	12	255	0	4	0	271	1	1	0	1	0	1
CW BA	0	124	0	0	0	124	0	0	0	0	0	0
CW FDC	0	303	0	0	0	303	0	1	0	0	0	1
CW HW	200	6,417	0	0	0	6,617	17	17	0	0	0	16
CW YC	2	717	0	0	0	719	0	2	0	0	0	2
DR	30	100	0	0	0	130	3	0	0	0	0	0
DR FDC	29	293	0	0	0	322	2	1	0	0	0	1
DR MB	0	118	0	0	0	118	0	0	0	0	0	0
FDC	123	1,003	5	143	0	1,275	10	3	2	42	0	3
FDC BA	0	149	0	0	6	155	0	0	0	0	0	0
FDC CW	131	1,521	0	102	0	1,754	11	4	0	30	0	4
FDC DR	19	89	0	0	0	108	2	0	0	0	0	0
FDC HW	137	4,020	0	59	0	4,215	12	10	0	17	0	10
HM BA	0	43	0	0	225	268	0	0	0	0	12	1
HM YC	0	60	0	0	76	136	0	0	0	0	4	0
HW	0	367	0	0	52	419	0	1	0	0	3	1
HW BA	236	9,159	2	8	421	9,826	20	24	1	2	22	23
HW BL	0	198	0	0	0	198	0	1	0	0	0	0
HW CW	135	4,911	0	0	45	5,091	11	13	0	0	2	12
HW FDC	0	2,489	0	0	9	2,497	0	6	0	0	0	6
HW SS	7	1,102	0	0	0	1,109	1	3	0	0	0	3
HW YC	0	645	0	0	74	719	0	2	0	0	4	2
SS CW	0	200	0	0	0	200	0	1	0	0	0	0
SS HW	0	550	0	0	0	550	0	1	0	0	0	1
YC CW	0	127	0	0	0	127	0	0	0	0	0	0
YC HW	0	251	0	0	9	260	0	1	0	0	0	1
Subtotal	1,150	37,501	211	317	1,792	40,971	97	97	72	93	96	97
Other	35	991	81	23	82	1,213	3	3	28	7	4	3
Total	**1,185**	**38,492**	**292**	**340**	**1,874**	**42,183**	**100**	**100**	**100**	**100**	**100**	**100**

At Free Growing – Coast Forest Region (post-1987)

Species Mix	Area (ha)						Percent (%)					
	Biogeoclimatic Zone						Biogeoclimatic Zone					
	CDF	CWH	ESSF	IDF	MH	Total	CDF	CWH	ESSF	IDF	MH	Total
BA	0	49	45	0	48	141	0	0	15	0	3	0
BA CW	2	420	0	0	4	425	0	1	0	0	0	1
BA FDC	0	183	0	0	9	192	0	0	0	0	1	0
BA HM	0	236	5	0	822	1,063	0	1	2	0	44	3
BA HW	0	3,052	26	0	146	3,224	0	8	9	0	8	8
BA SE	21	229	46	0	5	301	2	1	16	0	0	1
BA SX	45	411	71	0	275	802	4	1	24	0	15	2
BA YC	0	633	0	0	374	1,008	0	2	0	0	20	2
CW BA	5	177	0	0	0	182	0	0	0	0	0	0
CW FDC	0	455	0	0	0	455	0	1	0	0	0	1
CW HW	75	4,203	0	8	0	4,286	6	11	0	2	0	10
CW YC	0	203	0	0	0	203	0	1	0	0	0	0
EP FDC	0	105	0	0	0	105	0	0	0	0	0	0
FDC	69	437	0	14	0	519	6	1	0	4	0	1
FDC BA	51	389	5	0	0	445	4	1	2	0	0	1
FDC CW	121	2,369	0	184	0	2,674	10	6	0	54	0	6
FDC DR	18	195	0	0	0	213	1	1	0	0	0	1
FDC EP	0	79	0	51	0	131	0	0	0	15	0	0
FDC HW	177	3,262	0	1	0	3,440	15	8	0	0	0	8
FDC PLI	16	153	0	75	0	244	1	0	0	22	0	1
HW	0	204	0	0	0	204	0	1	0	0	0	0
HW BA	186	6,909	4	0	56	7,155	16	18	1	0	3	17
HW CW	237	6,688	0	0	16	6,940	20	17	0	0	1	16
HW FDC	39	2,488	0	0	0	2,527	3	6	0	0	0	6
HW PLC	0	149	0	0	0	149	0	0	0	0	0	0
HW SS	17	2,042	0	0	0	2,059	1	5	0	0	0	5
HW YC	0	259	0	0	0	259	0	1	0	0	0	1
SE BA	7	151	60	0	12	230	1	0	21	0	1	1
SS HW	0	650	0	0	0	650	0	2	0	0	0	2
SX BA	3	129	23	0	7	162	0	0	8	0	0	0
Subtotal	1,087	36,910	285	333	1,773	40,387	92	96	97	98	95	96
Other	99	1,582	8	7	101	1,796	8	4	3	2	5	4
Total	**1,185**	**38,492**	**292**	**340**	**1,874**	**42,183**	**100**	**100**	**100**	**100**	**100**	**100**

APPENDIX IV. DETAILED SPECIES COMPOSITION REPORTS – NORTHERN INTERIOR FOREST REGION

Before Harvest – Northern Interior Forest Region (pre-1987)

Species Mix	Area (ha)							Percent (%)						
	Biogeoclimatic Zone							Biogeoclimatic Zone						
	BWBS	CWH	ESSF	ICH	SBPS	SBS	Total	BWBS	CWH	ESSF	ICH	SBPS	SBS	Total
AC	0	69	0	39	0	0	109	0	1	0	0	0	0	0
AC SX	0	0	0	144	0	0	144	0	0	0	0	0	0	0
AT PLI	146	0	0	36	0	100	282	0	0	0	0	0	0	0
AT SX	117	0	0	47	0	918	1.082	0	0	0	0	0	0	0
BA HW	0	257	0	0	0	0	257	0	4	0	0	0	0	0
BA SX	0	0	0	1.261	0	70	1.331	0	0	0	4	0	0	0
BL	0	0	140	304	0	1.366	1.810	0	0	1	1	0	0	0
BL HW	0	0	40	569	0	0	609	0	0	0	2	0	0	0
BL PLI	0	0	37	110	0	1.396	1.544	0	0	0	0	0	0	0
BL SX	0	0	814	841	0	3.956	5.611	0	0	3	3	0	1	1
CW	0	0	0	214	0	0	214	0	0	0	1	0	0	0
CW SX	0	0	0	496	0	0	496	0	0	0	2	0	0	0
FDI	0	0	0	0	0	116	116	0	0	0	0	0	0	0
FDI PLI	0	0	0	0	0	841	841	0	0	0	0	0	0	0
FDI SX	0	0	0	0	0	630	630	0	0	0	0	0	0	0
HW	0	880	0	2.741	0	43	3.663	0	14	0	9	0	0	1
HW BA	0	2.476	0	1.040	0	0	3.516	0	38	0	3	0	0	1
HW BL	0	276	185	3.940	0	0	4.401	0	4	1	12	0	0	1
HW CW	0	1.527	0	1.518	0	0	3.045	0	23	0	5	0	0	1
HW EP	0	200	0	0	0	0	200	0	3	0	0	0	0	0
HW PLC	0	72	0	822	0	0	894	0	1	0	3	0	0	0
HW PLI	0	0	0	823	0	0	823	0	0	0	3	0	0	0
HW SX	0	309	0	2.351	0	148	2.808	0	5	0	7	0	0	1
PLC	0	0	0	349	0	0	349	0	0	0	1	0	0	0
PLC BL	0	0	0	66	0	71	137	0	0	0	0	0	0	0
PLC CW	0	0	0	142	0	0	142	0	0	0	0	0	0	0
PLC HW	0	0	0	533	0	0	533	0	0	0	2	0	0	0
PLC SX	0	0	0	1.173	0	0	1.173	0	0	0	4	0	0	0
PLI	4.180	0	809	1.262	46	70.089	76.386	9	0	3	4	52	17	14
PLI AT	1.061	0	0	20	0	1.446	2.527	2	0	0	0	0	0	0
PLI BA	0	0	0	121	0	0	121	0	0	0	0	0	0	0
PLI BL	0	0	415	0	0	2.145	2.560	0	0	2	0	0	1	0
PLI FDI	0	0	0	0	0	2.729	2.729	0	0	0	0	0	1	1
PLI HW	0	105	0	723	0	0	828	0	2	0	2	0	0	0
PLI SW	1.905	0	193	164	0	1.121	3.383	4	0	1	1	0	0	1
PLI SX	5.320	0	4.684	1.384	0	114.879	126.267	11	0	18	4	0	28	24
SE BL	0	0	173	0	0	0	173	0	0	1	0	0	0	0
SW	15.102	0	63	0	0	291	15.456	32	0	0	0	0	0	3

continued next page

Species Mix	Area (ha)							Percent (%)						
	Biogeoclimatic Zone							Biogeoclimatic Zone						
	BWBS	CWH	ESSF	ICH	SBPS	SBS	Total	BWBS	CWH	ESSF	ICH	SBPS	SBS	Total
SW AC	1,539	0	0	0	0	0	1,539	3	0	0	0	0	0	0
SW AT	2,309	0	0	0	0	68	2,377	5	0	0	0	0	0	0
SW BA	0	0	206	0	0	109	315	0	0	1	0	0	0	0
SW BL	319	0	535	0	0	669	1,523	1	0	2	0	0	0	0
SW EP	570	0	0	0	0	0	570	1	0	0	0	0	0	0
SW PLI	3,144	0	356	0	0	909	4,408	7	0	1	0	0	0	1
SX	3,703	25	1,469	1,073	0	43,573	49,843	8	0	6	3	0	10	9
SX AC	88	20	0	234	0	89	431	0	0	0	1	0	0	0
SX AT	752	0	0	211	0	1,920	2,882	2	0	0	1	0	0	1
SX BA	0	50	225	64	0	424	762	0	1	1	0	0	0	0
SX BL	1,389	0	8,350	3,666	0	87,598	101,002	3	0	32	12	0	21	19
SX CW	0	20	0	355	0	127	502	0	0	0	1	0	0	0
SX FDI	0	0	0	0	0	3,659	3,659	0	0	0	0	0	1	1
SX HW	0	97	0	708	0	301	1,106	0	1	0	2	0	0	0
SX PLC	0	0	0	445	0	0	445	0	0	0	1	0	0	0
SX PLI	5,933	0	7,084	1,110	42	74,551	88,720	12	0	27	4	48	18	17
Subtotal	47,576	6,382	25,779	31,095	89	416,350	527,271	100	98	100	99	100	100	100
Other	156	118	98	427	0	118	916	0	2	0	1	0	0	0
Total	**47,732**	**6,500**	**25,877**	**31,522**	**89**	**416,467**	**528,187**	**100**	**100**	**100**	**100**	**100**	**100**	**100**

At Free Growing – Northern Interior Forest Region (pre-1987)

Species Mix	Area (ha)							Percent (%)						
	Biogeoclimatic Zone							Biogeoclimatic Zone						
	BWBS	CWH	ESSF	ICH	SBPS	SBS	Total	BWBS	CWH	ESSF	ICH	SBPS	SBS	Total
AC AT	216	0	3	18	0	173	410	0	0	0	0	0	0	0
AC EP	57	0	0	114	0	60	231	0	0	0	0	0	0	0
AC PLI	127	0	0	30	0	116	272	0	0	0	0	0	0	0
AC SW	514	0	45	0	0	158	717	1	0	0	0	0	0	0
AC SX	351	51	59	94	0	352	908	1	1	0	0	0	0	0
AT	123	0	8	0	0	84	215	0	0	0	0	0	0	0
AT AC	692	0	0	49	0	334	1,075	1	0	0	0	0	0	0
AT BA	20	0	147	25	0	901	1,093	0	0	1	0	0	0	0
AT EP	371	20	7	649	22	1,529	2,598	1	0	0	2	25	0	0
AT PLI	1,264	0	20	247	24	8,933	10,487	3	0	0	1	27	2	2
AT SW	964	0	26	0	0	468	1,458	2	0	0	0	0	0	0
AT SX	1,747	9	46	456	0	8,855	11,113	4	0	0	1	0	2	2
BA	0	0	1	114	0	398	513	0	0	0	0	0	0	0
BA AT	37	0	0	40	0	505	582	0	0	0	0	0	0	0
BA EP	0	7	0	32	0	831	871	0	0	0	0	0	0	0
BA HM	0	0	0	109	0	0	109	0	0	0	0	0	0	0
BA HW	0	1,428	0	357	0	57	1,842	0	22	0	1	0	0	0
BA PLI	0	0	819	314	0	3,357	4,490	0	0	3	1	0	1	1
BA SW	220	0	2,147	0	0	843	3,209	0	0	8	0	0	0	1
BA SX	384	0	2,250	421	0	11,857	14,913	1	0	9	1	0	3	3
CW BA	0	107	0	0	0	0	107	0	2	0	0	0	0	0
CW HW	0	15	0	127	0	0	143	0	0	0	0	0	0	0
CW SX	0	14	0	28	0	174	215	0	0	0	0	0	0	0
DR AC	0	100	0	0	0	19	120	0	2	0	0	0	0	0
EP	331	0	23	0	0	38	392	1	0	0	0	0	0	0
EP AC	330	0	0	229	0	465	1,024	1	0	0	1	0	0	0
EP AT	471	8	89	544	0	1,780	2,892	1	0	0	2	0	0	1
EP BA	116	0	7	110	0	1,338	1,572	0	0	0	0	0	0	0
EP CW	0	0	0	73	0	65	138	0	0	0	0	0	0	0
EP HW	0	59	0	361	0	7	427	0	1	0	1	0	0	0
EP PLI	334	2	0	900	0	811	2,047	1	0	0	3	0	0	0
EP SW	2,169	0	0	0	0	133	2,302	5	0	0	0	0	0	0
EP SX	777	5	135	921	0	6,549	8,387	2	0	1	3	0	2	2
FDC EP	0	0	0	0	0	116	116	0	0	0	0	0	0	0
FDC SX	0	0	0	0	0	108	108	0	0	0	0	0	0	0
FDI AT	0	0	0	0	0	496	496	0	0	0	0	0	0	0
FDI PLI	0	0	0	0	0	329	329	0	0	0	0	0	0	0
FDI SX	0	0	0	0	0	464	464	0	0	0	0	0	0	0
HW AC	0	27	0	117	0	0	144	0	0	0	0	0	0	0
HW BA	0	2,735	0	982	0	87	3,804	0	42	0	3	0	0	1
HW CW	0	595	0	481	0	22	1,098	0	9	0	2	0	0	0
HW EP	0	60	0	356	0	0	415	0	1	0	1	0	0	0
HW PLI	0	155	0	1,074	0	0	1,229	0	2	0	3	0	0	0

continued next page

Species Mix	Area (ha)							Percent (%)						
	Biogeoclimatic Zone							Biogeoclimatic Zone						
	BWBS	CWH	ESSF	ICH	SBPS	SBS	Total	BWBS	CWH	ESSF	ICH	SBPS	SBS	Total
HW SX	0	364	49	2,330	0	21	2,764	0	6	0	7	0	0	1
PLC EP	0	77	0	66	0	0	143	0	1	0	0	0	0	0
PLC HW	0	5	0	103	0	0	108	0	0	0	0	0	0	0
PLI	189	15	465	70	6	25,577	26,323	0	0	2	0	7	6	5
PLI AC	749	0	111	148	0	950	1,958	2	0	0	0	0	0	0
PLI AT	1,854	0	423	1,198	0	36,926	40,401	4	0	2	4	0	9	8
PLI BA	203	0	1,731	932	0	28,914	31,779	0	0	7	3	0	7	6
PLI EP	316	0	44	865	0	3,916	5,140	1	0	0	3	0	1	1
PLI FDC	0	0	0	0	0	210	210	0	0	0	0	0	0	0
PLI FDI	0	0	0	0	0	1,032	1,032	0	0	0	0	0	0	0
PLI HW	0	50	0	1,843	0	0	1,892	0	1	0	6	0	0	0
PLI SW	1,209	0	639	0	0	4,089	5,936	3	0	2	0	0	1	1
PLI SX	3,505	0	3,002	1,780	36	87,405	95,728	7	0	12	6	41	21	18
SE BA	0	0	209	0	0	11	220	0	0	1	0	0	0	0
SW	1,126	0	13	0	0	370	1,509	2	0	0	0	0	0	0
SW AC	2,794	0	238	50	0	1,023	4,105	6	0	1	0	0	0	1
SW AT	2,856	0	14	71	0	1,595	4,536	6	0	0	0	0	0	1
SW BA	843	0	1,864	186	0	4,640	7,533	2	0	7	1	0	1	1
SW EP	4,928	0	5	0	0	1,197	6,130	10	0	0	0	0	0	1
SW PLI	2,087	0	412	92	0	3,081	5,672	4	0	2	0	0	1	1
SX	637	0	430	591	0	11,471	13,129	1	0	2	2	0	3	2
SX AC	1,870	50	183	864	0	5,179	8,146	4	1	1	3	0	1	2
SX AT	3,818	0	1,331	1,298	0	30,343	36,790	8	0	5	4	0	7	7
SX BA	1,257	59	6,133	3,066	0	59,322	69,837	3	1	24	10	0	14	13
SX CW	0	2	0	293	0	1,309	1,604	0	0	0	1	0	0	0
SX EP	2,348	0	113	1,414	0	9,279	13,154	5	0	0	4	0	2	2
SX FDC	0	0	0	20	0	245	265	0	0	0	0	0	0	0
SX FDI	0	0	0	0	0	1,057	1,057	0	0	0	0	0	0	0
SX HW	0	110	51	2,104	0	460	2,726	0	2	0	7	0	0	1
SX PLI	3,428	0	2,518	2,039	0	42,990	50,975	7	0	10	6	0	10	10
Subtotal	47,631	6,129	25,811	30,793	89	415,423	525,875	100	94	100	98	100	100	100
Other	101	371	66	729	0	1,045	2,312	0	6	0	2	0	0	0
Total	**47,732**	**6,500**	**25,877**	**31,522**	**89**	**416,467**	**528,187**	**100**	**100**	**100**	**100**	**100**	**100**	**100**

Before Harvest – Northern Interior Forest Region (post-1987)

Species Mix	Area (ha)							Percent (%)						
	Biogeoclimatic Zone							Biogeoclimatic Zone						
	BWBS	CWH	ESSF	ICH	MH	SBS	Total	BWBS	CWH	ESSF	ICH	MH	SBS	Total
AC	245	0	0	6	0	0	251	2	0	0	0	0	0	0
AT	949	0	0	44	0	81	1.074	7	0	0	0	0	0	1
AT AC	234	0	0	0	0	0	234	2	0	0	0	0	0	0
AT PLI	141	0	0	0	0	50	192	1	0	0	0	0	0	0
AT SW	280	0	0	0	0	0	280	2	0	0	0	0	0	0
AT SX	59	0	0	0	0	151	211	0	0	0	0	0	0	0
BA HW	0	58	6	275	0	0	339	0	2	0	2	0	0	0
BA SX	0	0	36	585	0	171	791	0	0	0	4	0	0	1
BL	6	0	2.252	84	0	738	3.079	0	0	14	1	0	1	3
BL HW	0	51	62	616	0	0	729	0	1	0	4	0	0	1
BL PLI	0	0	230	7	0	727	964	0	0	1	0	0	1	1
BL SE	0	0	206	0	0	0	206	0	0	1	0	0	0	0
BL SW	0	0	163	0	0	161	324	0	0	1	0	0	0	0
BL SX	0	0	3.470	742	0	3.623	7.834	0	0	21	5	0	5	6
CW HW	0	2	0	151	0	0	153	0	0	0	1	0	0	0
FDI SX	0	0	0	0	0	177	177	0	0	0	0	0	0	0
HW	0	43	0	3.191	0	0	3.234	0	1	0	21	0	0	3
HW BA	0	2.719	0	1.894	11	0	4.624	0	76	0	12	100	0	4
HW BL	0	40	4	1.786	0	0	1.829	0	1	0	12	0	0	2
HW CW	0	429	0	646	0	0	1.075	0	12	0	4	0	0	1
HW PLI	0	6	0	500	0	0	506	0	0	0	3	0	0	0
HW SX	0	124	0	1.002	0	0	1.126	0	3	0	6	0	0	1
PLI	1.216	0	666	845	0	12.924	15.651	10	0	4	5	0	18	13
PLI AT	668	0	0	159	0	471	1.299	5	0	0	1	0	1	1
PLI BA	0	0	18	0	0	117	135	0	0	0	0	0	0	0
PLI BL	93	0	527	10	0	2.197	2.826	1	0	3	0	0	3	2
PLI FDI	0	0	0	0	0	467	467	0	0	0	0	0	1	0
PLI HW	0	25	0	453	0	0	478	0	1	0	3	0	0	0
PLI SW	1.573	0	294	0	0	778	2.645	12	0	2	0	0	1	2
PLI SX	1.080	0	1.636	712	0	24.078	27.506	8	0	10	5	0	33	23
SE BL	0	0	118	0	0	12	129	0	0	1	0	0	0	0
SW	1.975	0	36	0	0	82	2.094	15	0	0	0	0	0	2
SW AC	205	0	0	0	0	0	205	2	0	0	0	0	0	0
SW AT	851	0	0	0	0	23	874	7	0	0	0	0	0	1
SW BL	318	0	288	22	0	316	944	2	0	2	0	0	0	1
SW PLI	1.486	0	332	26	0	1.227	3.070	12	0	2	0	0	2	1
SX	307	0	422	0	0	3.191	3.920	2	0	3	0	0	4	3
SX AT	67	0	7	10	0	167	251	1	0	0	0	0	0	0
SX BA	3	0	225	97	0	346	671	0	0	1	1	0	0	1
SX BL	183	0	3.727	535	0	10.892	15.336	1	0	23	3	0	15	13
SX FDI	0	0	0	48	0	308	356	0	0	0	0	0	0	0

continued next page

Species Mix	Area (ha) Biogeoclimatic Zone							Percent (%) Biogeoclimatic Zone						
	BWBS	CWH	ESSF	ICH	MH	SBS	Total	BWBS	CWH	ESSF	ICH	MH	SBS	Total
SX HW	0	0	0	289	0	0	289	0	0	0	2	0	0	0
SX PLI	473	0	1.514	333	0	9.318	11.638	4	0	9	2	0	13	10
Subtotal	12.412	3.496	16.232	15.087	11	72.791	120.013	97	97	100	98	100	100	99
Other	380	103	81	352	0	164	1.080	3	3	0	2	0	0	1
Total	12.791	3.599	16.318	15.419	11	72.955	121.093	100	100	100	100	100	100	100

At Free Growing – Northern Interior Forest Region (post-1987)

Species Mix	Area (ha) Biogeoclimatic Zone							Percent (%) Biogeoclimatic Zone						
	BWBS	CWH	ESSF	ICH	MH	SBS	Total	BWBS	CWH	ESSF	ICH	MH	SBS	Total
AC AT	174	0	0	7	0	1	181	1	0	0	0	0	0	0
AC SX	54	0	4	9	0	46	113	0	0	0	0	0	0	0
AT	301	0	0	0	0	32	333	2	0	0	0	0	0	0
AT AC	816	0	0	16	0	48	879	6	0	0	0	0	0	1
AT BA	0	0	0	14	0	89	104	0	0	0	0	0	0	0
AT EP	161	0	0	161	0	16	338	1	0	0	1	0	0	0
AT PLI	455	0	0	357	0	806	1.618	4	0	0	2	0	1	1
AT SW	737	0	0	0	0	28	761	6	0	0	0	0	0	1
AT SX	419	0	8	93	0	933	1.454	3	0	0	1	0	1	1
BA	0	2	517	7	0	99	625	0	0	3	0	0	0	1
BA AT	0	0	0	66	0	42	108	0	0	0	0	0	0	0
BA CW	0	79	0	39	0	0	118	0	2	0	0	0	0	0
BA HW	0	778	38	1.099	0	46	1.959	0	22	0	7	0	0	2
BA PLI	64	0	569	227	0	1.419	2.279	1	0	3	1	0	2	2
BA SE	0	0	102	0	0	0	102	0	0	1	0	0	0	0
BA SW	11	0	84	0	0	95	192	0	0	1	0	3	0	0
BA SX	151	0	2.845	537	0	1.615	4.947	1	0	16	3	0	2	4
CW HW	0	11	0	124	0	0	135	0	0	0	1	0	0	0
EP AT	168	23	7	75	0	5	278	1	1	0	0	0	0	0
EP HW	0	0	0	148	0	0	148	0	0	0	1	0	0	0
EP PLI	0	0	0	323	0	235	558	0	0	0	2	0	0	0
EP SX	179	0	0	137	0	203	519	1	0	0	1	0	0	0
FDI PLI	0	0	0	0	0	152	152	0	0	0	0	0	0	0
HW	0	14	58	244	0	0	316	0	0	0	2	0	0	0
HW BA	0	2.062	7	1.449	0	0	3.514	0	57	0	9	0	0	3
HW CW	0	186	0	559	0	0	745	0	5	0	4	0	0	1
HW EP	0	7	0	211	0	0	218	0	0	0	1	0	0	0
HW PLI	0	61	0	820	0	0	881	0	2	0	5	0	0	1
HW SX	0	96	0	749	0	0	845	0	3	0	5	0	0	1
PLI	202	3	661	16	0	9.403	10.284	2	0	4	0	0	13	8
PLI AC	88	0	8	75	0	197	367	1	0	0	0	0	0	0
PLI AT	1.322	0	747	747	0	10.830	13.645	10	0	3	5	0	15	11

continued next page

Species Mix	Area (ha)							Percent (%)						
	Biogeoclimatic Zone							Biogeoclimatic Zone						
	BWBS	CWH	ESSF	ICH	MH	SBS	Total	BWBS	CWH	ESSF	ICH	MH	SBS	Total
PLI BA	340	0	2.055	480	0	7.012	9.886	3	0	11	3	0	10	8
PLI EP	147	1	0	856	0	1.004	2.007	1	0	0	6	0	1	2
PLI FDC	0	0	0	0	0	107	107	0	0	0	0	0	0	0
PLI FDI	0	0	0	0	0	273	273	0	0	0	0	0	0	0
PLI HW	0	29	0	1.404	0	0	1.433	0	1	0	9	0	0	1
PLI SW	446	0	221	9	0	189	859	3	0	1	0	0	0	1
PLI SX	1.135	13	1.718	534	0	15.092	18.491	9	0	11	3	0	21	15
SE BA	0	0	158	0	0	12	169	0	0	1	0	0	0	0
SW	143	0	7	0	0	364	514	1	0	0	0	0	0	0
SW AC	784	0	0	0	0	141	925	6	0	0	0	0	0	1
SW AT	808	0	0	0	0	109	917	6	0	0	0	0	0	1
SW BA	127	0	319	0	0	363	808	1	0	2	0	0	0	1
SW EP	543	0	0	0	0	88	632	4	0	0	0	0	0	1
SW PLI	538	0	111	0	0	168	817	4	0	1	0	0	0	1
SX	268	2	973	121	0	3.090	4.454	2	0	6	1	0	4	4
SX AC	349	0	12	289	0	627	1.277	3	0	0	2	0	1	1
SX AT	344	0	166	526	0	3.661	4.697	3	0	1	3	0	5	4
SX BA	473	38	4.089	584	0	5.586	10.748	4	1	25	4	0	8	9
SX CW	0	0	0	101	0	35	136	0	0	0	1	0	0	0
SX EP	91	0	148	64	0	1.215	1.518	1	0	1	0	0	2	1
SX HW	0	0	25	855	0	0	880	0	0	0	6	0	0	1
SX PLI	452	0	1.045	917	0	7.199	9.608	4	0	6	6	0	10	8
Subtotal	12.477	3.395	16.021	15.011	0	72.492	119.398	98	94	98	97	0	99	99
Other	314	204	297	406	11	464	1.695	2	6	2	3	100	1	1
Total	**12.791**	**3.599**	**16.318**	**15.419**	**11**	**72.956**	**121.093**	**100**	**100**	**100**	**100**	**100**	**100**	**100**

APPENDIX V. DETAILED SPECIES COMPOSITION REPORTS – SOUTHERN INTERIOR FOREST REGION

Species Mix	Area (ha)									Percent (%)									
	Biogeoclimatic Zone									Biogeoclimatic Zone									
	CWH	ESSF	ICH	IDF	MS	PP	SBPS	SBS	Total	CWH	ESSF	ICH	IDF	MS	PP	SBPS	SBS	Total
AT PLI	0	0	8	123	61	0	0	0	192	0	0	0	0	0	0	0	0	0
BA AT	0	259	0	0	61	0	0	0	320	0	0	0	0	0	0	0	0	0
BA SX	0	0	232	0	0	0	0	0	232	0	0	0	0	0	0	0	0	0
BL	64	1,174	54	26	56	0	0	139	1,521	8	1	0	0	0	0	0	1	1
BL FW	0	190	210	0	0	0	0	0	380	0	0	0	0	0	0	0	0	1
BL HW	0	142	80	0	0	0	0	0	222	0	0	0	0	0	0	0	0	1
BL PLI	0	335	181	0	66	0	64	96	844	0	0	0	0	0	0	0	0	0
BL SE	41	14,308	1,469	26	361	0	0	191	21,605	5	11	1	0	0	0	0	1	1
BL SX	0	3,776	616	33	142	0	0	116	4,358	0	2	0	0	0	0	0	0	1
FW	0	184	4,459	268	0	0	0	0	4,961	0	0	1	0	0	0	0	0	1
LW BL	0	0	283	0	0	0	0	39	322	0	0	0	0	0	0	0	0	0
LW FDI	0	83	1,923	147	0	0	0	0	2,152	0	0	1	0	0	0	0	0	0
LW HW	0	125	15,267	235	0	0	0	16	15,644	0	0	11	0	0	0	0	0	2
LW PLI	0	0	234	0	0	0	0	0	234	0	0	0	0	0	0	0	0	0
SW SE	0	133	2,716	0	0	0	0	0	2,849	0	0	2	0	0	0	0	0	0
SW SX	0	291	3,529	59	92	0	0	0	3,918	0	0	2	0	0	0	0	0	0
TDI	112	207	4,009	100,963	2,864	979	1,036	2,605	112,374	11	0	1	39	1	19	2	1	14
TDI AT	0	0	72	103	0	0	0	0	175	0	0	0	0	0	0	0	0	0
TDI BL	0	102	110	32	45	0	0	0	289	0	0	0	0	0	0	0	0	0
TDI LW	21	294	5,258	978	49	0	0	0	6,601	1	0	4	0	0	0	0	1	1
TDI PL	0	0	126	210	0	0	0	0	336	0	0	0	0	0	0	0	0	0
TDI PW	0	0	1,920	0	0	0	0	0	1,920	0	0	1	0	0	0	0	0	0
TDI SW	0	160	4,340	4,631	2,505	0	0	0	11,436	0	0	3	2	2	0	0	0	1
TDI PLI	0	490	8,180	50,674	1,948	1,108	1,164	2,704	66,271	0	0	5	20	4	4	1	1	8
TDI SE	180	551	2,724	3,750	1,656	0	0	211	9,071	22	0	2	1	2	0	0	0	1
TDI SX	0	127	2,561	860	46	0	241	2,181	5,844	0	0	2	0	0	0	1	1	1
HW	66	141	1,751	0	0	0	0	0	1,958	8	0	1	0	0	0	0	0	0
HW BL	136	137	531	0	18	0	0	0	791	11	0	0	0	0	0	0	0	0
HW LW	0	635	13,337	79	37	0	0	0	14,068	0	0	9	0	0	0	0	0	2
HW PDI	0	42	1,969	0	0	0	0	0	1,971	0	0	1	0	0	0	0	0	0
HW SW	0	39	223	0	0	0	0	0	262	0	0	0	0	0	0	0	0	0
HW PLI	0	8	598	0	0	0	0	0	606	0	0	0	0	0	0	0	0	0
HW SE	0	116	1,443	0	0	0	0	0	1,559	0	0	1	0	0	0	0	0	0

continued next page

Species Mix	Area (ha)									Percent (%)								
	Biogeoclimatic Zone									Biogeoclimatic Zone								
	CWH	ESSF	ICH	IDF	MS	PP	SBPS	SBS	Total	CWH	ESSF	ICH	IDF	MS	PP	SBPS	SBS	Total
LW	0	58	467	564	60	0	0	0	1,148	0	0	0	0	0	0	0	0	0
LW CW	0	22	265	0	0	0	0	0	287	0	0	0	0	0	0	0	0	0
LW FDI	0	200	2,853	1,177	1,703	0	0	0	5,933	0	0	2	0	2	0	0	0	1
LW PLI	0	54	1,320	855	1,581	24	0	0	3,850	0	0	1	0	1	1	0	0	0
LW SE	0	210	926	0	130	0	0	0	1,266	0	0	1	0	0	0	0	0	0
LW SX	0	0	83	0	85	0	0	0	168	0	0	0	0	0	0	0	0	0
PLI	0	9,091	6,936	54,589	43,537	86	33,304	17,876	166,018	0	5	5	21	40	3	71	23	20
PLI AT	0	0	48	684	98	0	71	204	1,105	0	0	0	0	0	0	0	0	0
PLI BA	0	74	100	0	22	0	0	0	196	0	0	0	0	0	0	0	0	0
PLI BL	0	1,760	268	90	1,011	0	0	537	3,672	0	1	0	0	1	0	0	1	0
PLI FDI	0	1,909	5,515	27,975	7,016	1,067	2,423	7,390	52,395	0	1	4	11	6	35	5	9	6
PLI HW	0	0	371	0	0	0	0	0	372	0	0	0	0	0	0	0	0	0
PLI LW	9	735	1,277	2,201	5,620	0	0	0	10,874	0	0	2	1	4	0	0	0	1
PLI SE	0	9,332	2,170	1,429	13,980	0	0	763	27,673	0	5	2	1	13	0	0	1	3
PLI SX	0	4,608	4,041	814	3,599	0	6,264	8,684	28,210	0	3	3	0	3	0	13	11	3
SE	0	8,771	2,355	251	1,950	0	0	210	14,257	0	5	2	0	2	0	0	0	2
SE BA	119	1,106	186	0	320	0	0	31	1,761	14	1	0	0	0	0	0	0	0
SE BL	33	65,369	6,190	287	6,847	0	0	907	79,611	4	36	4	0	6	0	0	1	10
SE CW	0	946	2,317	64	70	0	0	0	3,397	0	1	2	0	0	0	0	0	0
SE FDI	76	1,288	1,760	319	2,500	0	0	563	6,506	9	1	1	0	2	0	0	1	1
SE HW	0	51	945	11	6	0	0	0	621	0	0	0	0	0	0	0	0	0
SE LW	0	151	278	0	69	0	0	0	698	0	0	0	0	0	0	0	0	0
SE PLI	0	1,180	934	187	5,791	0	0	1,344	11,745	0	1	1	0	5	0	0	2	2
SW HW	0	0	106	0	0	0	0	0	106	0	0	0	0	0	0	0	0	0
SX	0	1,700	3,142	152	207	0	255	7,495	13,039	0	1	2	0	0	0	1	10	2
SX BA	0	3,872	3,007	2	0	0	0	1,346	8,127	0	2	2	0	0	0	0	1	1
SX BL	0	22,399	5,240	704	404	0	710	5,359	34,816	0	12	4	0	0	0	0	7	4
SX CW	0	262	2,138	0	0	0	0	40	2,440	0	0	2	0	0	0	0	0	0
SX FDI	0	359	2,827	84	72	0	79	2,803	6,165	0	0	2	0	0	0	0	4	1
SX HW	0	41	18	0	149	0	0	0	211	0	0	0	0	0	0	0	0	0
SX PLI	0	5,148	2,810	269	1,162	0	1,351	23,974	35,280	0	3	2	0	1	0	3	18	3
Subtotal	822	183,018	140,930	255,651	108,766	1,284	46,848	78,291	815,390	98	100	99	100	100	100	100	100	100
Other	14	188	809	257	35	0	0	13	1,355	2	0	1	0	0	0	0	0	0
Total	836	183,246	141,739	255,908	108,801	1,284	46,848	78,304	818,745	100	100	100	100	100	100	100	100	100

Species Mix	Area (ha)									Percent (%)								
	Biogeoclimatic Zone									Biogeoclimatic Zone								
	CWH	ESSF	ICH	IDF	MS	PP	SBPS	SBS	Total	CWH	ESSF	ICH	IDF	MS	PP	SBPS	SBS	Total
AC CW	0	11	105	0	0	0	0	0	116	0	0	0	0	0	0	0	0	0
AC EP	0	0	107	4	0	0	0	20	131	0	0	0	0	0	0	0	0	0
AC FDI	0	0	208	0	0	0	0	15	223	0	0	0	0	0	0	0	0	0
AC FDI	0	0	200	10	9	0	0	9	228	0	0	0	0	0	0	0	0	0
AC SX	0	12	334	55	4	0	11	26	442	0	0	0	0	0	0	0	0	0
AT	0	0	2	96	4	0	0	32	133	0	0	0	0	0	0	0	0	0
AT AC	0	0	68	61	10	0	82	45	266	0	0	0	0	0	0	0	0	0
AT BA	0	19	98	0	145	0	39	32	330	0	0	0	0	0	0	0	0	0
AT EP	0	0	328	192	5	0	10	112	647	0	0	0	0	0	0	0	0	0
AT FDC	0	0	3	33	0	0	0	88	124	0	0	0	0	0	0	0	0	0
AT FDI	0	0	133	873	136	0	67	361	1,571	0	0	0	0	0	0	0	0	0
AT LW	0	0	98	35	0	0	0	0	133	0	0	0	0	0	0	0	0	0
AT PLI	0	27	644	5,947	776	0	1,983	1,988	11,365	0	0	0	2	1	0	4	3	1
AT SE	0	0	91	2	64	0	0	0	157	0	0	0	0	0	0	0	0	0
AT SX	0	143	211	381	142	0	276	903	2,056	0	0	0	0	0	0	1	1	0
BA	0	3,623	90	17	155	0	0	171	4,055	0	2	0	0	0	0	0	0	0
BA AT	0	1	85	20	68	0	20	18	234	0	0	0	0	0	0	0	0	0
BA CW	0	407	1,625	12	70	0	0	87	2,201	0	0	1	0	0	0	0	0	0
BA DR	0	175	105	0	28	0	0	0	308	0	0	0	0	0	0	0	0	0
BA EP	0	0	48	0	26	0	0	142	216	0	0	0	0	0	0	0	0	0
BA FDC	39	0	32	55	52	0	0	7	185	5	0	0	0	0	0	0	0	0
BA FDI	0	266	698	220	617	0	0	356	2,156	0	0	0	0	1	0	0	0	0
BA HW	0	599	513	0	33	0	0	0	1,145	0	0	0	0	0	0	0	0	0
BA LW	0	9	234	10	50	0	0	0	303	0	0	0	0	0	0	0	0	0
BA PLI	0	7,802	1,070	237	3,649	0	67	1,196	14,021	0	4	1	0	3	0	0	2	2
BA SE	111	24,906	1,387	147	1,623	0	0	44	28,219	11	14	1	0	1	0	0	0	1
BA SX	21	39,052	3,870	781	3,583	0	56	4,462	51,824	3	21	3	0	3	0	0	6	6
CW	0	16	130	25	11	0	0	0	181	0	0	0	0	0	0	0	0	0
CW AC	0	0	271	12	0	0	0	0	283	0	0	0	0	0	0	0	0	0
CW AT	0	0	264	0	9	0	0	0	273	0	0	0	0	0	0	0	0	0
CW BA	0	84	1,520	21	30	0	0	0	1,655	0	0	1	0	0	0	0	0	0
CW DR	0	0	243	9	0	0	0	0	252	0	0	0	0	0	0	0	0	0
CW EP	0	0	1,225	115	101	0	0	0	1,441	0	0	1	0	0	0	0	0	0

continued next page

Species Mix	Area (ha)									Percent (%)								
	Biogeoclimatic Zone									Biogeoclimatic Zone								
	CWH	ESSF	ICH	IDF	MS	PP	SBPS	SBS	Total	CWH	ESSF	ICH	IDF	MS	PP	SBPS	SBS	Total
CW FDC	1	0	216	54	0	0	0	0	271	0	0	0	0	0	0	0	0	0
CW FDI	0	14	3,234	473	11	0	0	43	3,775	0	0	2	0	0	0	0	0	0
CW HW	0	43	6,827	139	0	0	0	0	7,009	0	0	5	0	0	0	0	0	1
CW LW	0	0	151	0	0	0	0	0	151	0	0	0	0	0	0	0	0	0
CW PLI	0	6	611	30	0	0	0	0	648	0	0	0	0	0	0	0	0	0
CW SE	11	159	891	0	0	0	0	0	1,061	1	0	1	0	0	0	0	0	0
CW SX	0	144	2,958	34	42	0	0	0	3,177	0	0	2	0	0	0	0	0	0
DR BA	0	89	202	52	37	0	0	0	380	0	0	0	0	0	0	0	0	0
DR CW	0	0	245	0	0	0	0	0	245	0	0	0	0	0	0	0	0	0
DR FDI	0	0	95	115	0	0	0	0	210	0	0	0	0	0	0	0	0	0
DR PLI	0	166	778	110	625	0	0	0	1,678	0	0	1	0	1	0	0	0	0
DR SX	0	171	143	5	76	0	0	0	395	0	0	0	0	0	0	0	0	0
DR W	0	99	77	25	59	0	0	0	260	0	0	0	0	0	0	0	0	0
EP AC	0	0	257	22	0	0	0	0	279	0	0	0	0	0	0	0	0	0
EP AT	0	0	209	82	43	0	31	79	445	0	0	0	0	0	0	0	0	0
EP BA	0	0	334	0	25	0	0	162	521	0	0	0	0	0	0	0	0	0
EP CW	0	0	1,102	312	0	0	0	44	1,458	0	0	1	0	0	0	0	0	0
EP FDC	60	0	29	27	0	0	0	83	198	7	0	0	0	0	0	0	0	0
EP FDI	0	0	1,279	570	53	0	0	141	2,044	0	0	1	0	0	0	0	0	0
EP HW	0	0	148	0	0	0	0	0	148	0	0	0	0	0	0	0	0	0
EP PLI	0	0	678	448	191	0	0	140	1,456	0	0	0	0	0	0	0	0	0
EP SE	0	39	53	0	10	0	0	0	101	0	0	0	0	0	0	0	0	0
EP SX	0	0	469	38	45	0	0	96	648	0	0	0	0	0	0	0	0	0
FDC	41	0	189	1,382	65	0	3	0	1,679	5	0	0	1	0	0	0	0	0
FDC AC	0	0	61	13	0	0	0	50	123	0	0	0	0	0	0	0	0	0
FDC AT	0	0	5	782	5	0	22	36	849	0	0	0	0	0	0	0	0	0
FDC BA	78	23	141	281	42	0	0	0	565	9	0	0	0	0	0	0	0	0
FDC CW	0	4	363	325	0	0	0	0	692	0	0	0	0	0	0	0	0	0
FDC EP	0	0	101	305	0	0	0	30	436	0	0	0	0	0	0	0	0	0
FDC LW	0	0	51	83	94	0	0	0	228	0	0	0	0	0	0	0	0	0
FDC PLI	0	0	271	2,471	439	23	12	130	3,345	0	0	0	1	0	1	0	0	0
FDC SE	0	21	20	113	1	0	0	0	154	0	0	0	0	0	0	0	0	0

continued next page

Species Mix	Area (ha)									Percent (%)								
	Biogeoclimatic Zone									Biogeoclimatic Zone								
	CWH	ESSF	ICH	IDF	MS	PP	SBPS	SBS	Total	CWH	ESSF	ICH	IDF	MS	PP	SBPS	SBS	Total
FDC SX	0	36	339	892	324	0	7	410	2,008	0	0	0	0	0	0	0	1	0
FDI	0	94	1,773	55,891	1,002	390	440	1,074	60,163	0	0	1	22	1	13	1	1	1
FDI AC	0	0	519	35	0	0	0	15	565	0	0	0	0	0	0	0	0	0
FDI AT	0	41	821	8,756	388	0	149	1,094	11,248	0	0	1	3	0	0	0	1	1
FDI BA	0	195	691	873	1,480	0	34	293	3,566	0	0	0	0	1	0	0	0	0
FDI CW	0	12	6,287	797	29	0	0	0	7,125	0	0	4	0	0	0	0	0	1
FDI DR	0	0	0	269	41	0	0	0	310	0	0	0	0	0	0	0	0	0
FDI EP	0	0	2,766	2,091	269	0	74	418	5,618	0	0	2	1	0	0	0	1	1
FDI HW	0	20	1,303	0	0	0	0	0	1,323	0	0	1	0	0	0	0	0	0
FDI LW	0	23	1,320	5,805	2,202	122	0	0	9,473	0	0	1	2	2	4	0	0	1
FDI MB	0	0	15	182	0	0	0	0	197	0	0	0	0	0	0	0	0	0
FDI PLI	56	494	4,239	76,817	4,064	1,511	1,375	2,315	90,870	7	0	3	30	4	49	1	3	11
FDI SE	0	386	1,361	2,099	319	0	0	0	4,164	0	0	1	1	0	0	0	0	1
FDI SX	0	497	4,030	9,839	1,415	0	432	1,363	17,395	0	0	3	4	1	0	1	2	2
HW AC	0	0	132	0	0	0	0	0	132	0	0	0	0	0	0	0	0	0
HW BA	0	305	210	0	0	0	0	0	515	0	0	0	0	0	0	0	0	0
HW CW	0	64	4,582	97	0	0	0	0	4,743	0	0	3	0	0	0	0	0	1
HW EP	0	0	257	0	0	0	0	0	257	0	0	0	0	0	0	0	0	0
HW FDI	0	21	781	0	0	0	0	0	802	0	0	1	0	0	0	0	0	0
HW PLI	0	0	450	0	0	0	0	0	450	0	0	0	0	0	0	0	0	0
HW SE	0	10	222	0	0	0	0	0	232	0	0	0	0	0	0	0	0	0
HW SX	0	22	391	0	0	0	0	0	413	0	0	0	0	0	0	0	0	0
LW	0	7	24	80	7	0	0	0	118	0	0	0	0	0	0	0	0	0
LW AT	0	0	141	26	22	0	0	0	189	0	0	0	0	0	0	0	0	0
LW CW	0	0	109	0	18	0	0	0	127	0	0	0	0	0	0	0	0	0
LW FDI	0	17	781	1,211	694	0	0	0	2,703	0	0	1	0	1	0	0	0	0
LW PLI	0	89	530	418	861	24	0	0	1,923	0	0	0	0	1	1	0	0	0
LW SE	0	33	111	0	49	0	0	0	192	0	0	0	0	0	0	0	0	0
LW SX	0	75	284	143	221	0	0	0	723	0	0	0	0	0	0	0	0	0
MB CW	0	0	150	0	0	0	0	0	150	0	0	0	0	0	0	0	0	0
PLI	0	3,224	2,298	14,643	10,259	99	12,786	5,609	48,918	0	7	2	6	9	1	21	7	4
PLI AC	0	40	1,118	174	449	0	84	937	2,802	0	0	1	0	0	0	0	1	0

continued next page

Species Mix	Area (ha)									Percent (%)								
	Biogeoclimatic Zone									Biogeoclimatic Zone								
	CWH	ESSF	ICH	IDF	MS	PP	SBPS	SBS	Total	CWH	ESSF	ICH	IDF	MS	PP	SBPS	SBS	Total
PLI AT	0	576	1,731	19,299	4,374	0	10,741	6,195	42,916	0	0	1	8	4	0	23	8	5
PLI BA	0	13,119	5,253	2,049	19,548	0	1,068	5,160	44,197	0	7	2	1	18	0	2	7	5
PLI CW	0	5	1,735	51	21	0	0	14	1,825	0	0	1	0	0	0	0	0	0
PLI DR	0	0	456	22	665	0	69	0	1,212	0	0	0	0	1	0	0	0	0
PLI EP	0	0	1,316	273	508	0	618	399	3,113	0	0	1	0	0	0	1	1	0
PLI FDC	0	77	556	1,812	709	9	209	630	4,001	0	0	0	1	1	0	0	1	0
PLI FDI	0	563	5,058	23,467	7,561	885	1,846	3,829	43,209	0	0	4	9	7	29	4	5	5
PLI HW	0	46	549	0	0	0	0	0	595	0	0	0	0	0	0	0	0	0
PLI IW	0	160	1,191	1,923	5,364	0	4	0	8,641	0	0	1	1	5	0	0	0	1
PLI SE	0	2,840	799	667	3,856	0	0	100	8,261	0	2	1	0	4	0	0	0	1
PLI SX	0	9,732	3,893	4,084	17,355	0	12,784	11,805	59,653	0	5	3	2	16	0	27	19	9
PLI W	0	38	92	24	228	0	0	0	382	0	0	0	0	0	0	0	0	0
SE	0	1,010	1,004	20	136	0	0	0	2,191	0	1	1	0	0	0	0	0	0
SE AC	0	41	239	0	0	0	0	0	280	0	0	0	0	0	0	0	0	0
SE AT	0	97	287	25	110	0	0	0	513	0	0	0	0	0	0	0	0	0
SE BA	248	15,595	2,244	98	1,480	0	0	33	19,697	10	9	2	0	1	0	0	0	2
SE CW	5	151	2,435	3	2	0	0	0	2,599	1	0	2	0	0	0	0	0	0
SE FDC	0	37	248	32	67	0	0	0	384	0	0	0	0	0	0	0	0	0
SE FDI	0	135	1,670	78	132	0	0	0	1,919	0	0	1	0	0	0	0	0	0
SE HW	14	159	831	0	0	0	0	0	1,004	2	0	1	0	0	0	0	0	0
SE IW	0	23	12	31	84	0	0	0	150	0	0	0	0	0	0	0	0	0
SE PLI	20	1,422	718	56	987	0	0	297	3,500	2	1	1	0	1	0	0	0	0
SW BA	0	135	26	0	6	0	0	83	244	0	0	0	0	0	0	0	0	0
SW PLI	0	0	0	0	0	0	0	101	101	0	0	0	0	0	0	0	0	0
SX	0	4,385	2,220	88	106	0	24	827	8,064	0	1	2	0	0	0	0	1	1
SX AL	0	192	2,376	109	61	0	12	956	3,706	0	0	2	0	0	0	0	1	0
SX AT	0	631	1,493	429	330	0	152	2,907	6,151	0	1	1	0	0	0	1	4	1
SX BA	101	38,881	7,597	629	3,544	0	249	9,498	60,498	12	21	5	0	1	0	1	12	7
SX EW	42	672	8,320	89	1	0	0	0	9,116	4	0	6	0	0	0	0	0	1
SX FD	0	106	65	0	49	0	0	0	216	0	0	0	0	0	0	0	0	0
SX FI	0	6	903	156	182	0	20	1,010	2,276	0	0	1	0	0	0	0	1	0
SX FDC	0	57	503	144	39	0	0	278	1,008	0	0	0	0	0	0	0	0	0

Species Mix	Area (ha)									Percent (%)								
	Biogeoclimatic Zone									Biogeoclimatic Zone								
	CWH	ESSF	ICH	IDF	MS	PP	SBPS	SBS	Total	CWH	ESSF	ICH	IDF	MS	PP	SBPS	SBS	Total
[illegible]	0	624	1,351	1,024	559	0	33	1,012	4,984	0	0	2	0	1	0	0	1	1
[illegible]	0	135	1,907	60	0	0	0	1	2,103	0	0	1	0	0	0	0	0	0
[illegible]	0	87	241	75	116	0	0	0	479	0	0	0	0	0	0	0	0	0
[illegible]	0	3,805	4,139	384	2,810	0	387	8,693	20,218	0	2	3	0	3	0	1	11	2
[illegible]	0	75	70	17	0	0	0	0	161	0	0	0	0	0	0	0	0	0
[illegible]	0	92	0	0	37	0	0	0	129	0	0	0	0	0	0	0	0	0
[illegible]	0	230	367	37	8	0	3	3	649	0	0	0	0	0	0	0	0	0
[illegible]	0	0	78	0	41	0	0	0	120	0	0	0	0	0	0	0	0	0
[illegible]	836	177,975	133,597	253,311	105,170	3,064	46,419	68,235	788,607	100	97	94	99	97	100	99	87	96
Other	0	321	2,089	387	211	0	10	90	3,108	0	0	1	0	0	0	0	0	0
Total	836	183,246	141,739	255,908	108,801	3,064	46,848	78,304	818,745	100	100	100	100	100	100	100	100	100

Species Mix	Area (ha)									Percent (%)								
	Biogeoclimatic Zone									Biogeoclimatic Zone								
	CWH	ESSF	ICH	IDF	MS	PP	SBPS	SBS	Total	CWH	ESSF	ICH	IDF	MS	PP	SBPS	SBS	Total
AT FDI	0	0	76	66	0	0	0	0	143	0	0	0	0	0	0	0	0	0
AT PLI	0	0	0	112	5	0	40	189	342	0	0	0	0	0	0	0	1	0
BA SE	0	189	1	0	23	0	0	58	272	0	1	0	0	0	0	0	0	0
BL	0	109	4	0	0	0	0	0	113	0	0	0	0	0	0	0	0	0
BL PLI	0	45	176	0	42	0	0	1	264	0	0	0	0	0	0	0	0	0
BL ST	0	2,070	87	0	92	0	0	74	2,318	0	7	0	0	0	0	0	0	1
BL SX	0	3,820	402	1	101	0	0	198	4,524	0	13	1	0	0	0	0	1	2
CW	0	0	288	0	0	0	0	0	288	0	0	1	0	0	0	0	0	0
CW BL	0	0	156	0	0	0	0	0	156	0	0	0	0	0	0	0	0	0
CW FDI	0	1	811	37	0	0	0	0	863	0	0	2	0	0	0	0	0	0
CW HW	0	52	3,361	2	0	0	0	0	3,416	0	6	7	0	0	0	0	0	1
CW SS	0	537	602	1	0	0	0	0	659	0	0	1	0	0	0	0	0	0
CW SX	0	0	110	0	0	0	0	0	110	0	0	0	0	0	0	0	0	0
CW SX	0	0	721	0	0	0	0	0	721	0	0	2	0	0	0	0	0	0
FDC PLI	0	0	103	4	0	0	0	0	107	0	0	0	0	0	0	0	0	0
FDI	0	73	812	14,684	382	141	51	133	16,375	0	0	2	19	1	17	0	1	1
FDI AT	6	0	154	350	4	0	1	11	526	0	0	0	0	0	0	0	0	0
FDI BL	0	0	28	30	64	0	0	0	117	0	0	0	0	0	0	0	0	0
FDI CW	5	0	3,514	670	39	0	0	0	4,228	0	0	8	1	0	0	0	0	1
FDI EP	0	0	51	121	0	3	0	0	175	0	0	0	0	0	0	0	0	0
FDI HW	0	0	1,187	0	0	0	0	0	1,187	0	0	3	0	0	0	0	0	0
FDI LW	0	11	2,141	4,909	1,614	0	0	0	8,146	0	0	6	6	4	0	0	0	4
FDI PLI	0	321	5,050	20,734	2,292	761	670	1,143	10,923	0	0	11	27	5	54	1	7	11
FDI SI	0	46	474	368	295	0	0	22	1,204	0	0	1	0	1	0	0	0	1
FDI SS	0	0	1,314	1,005	809	0	28	473	3,178	0	0	1	1	1	0	0	2	1
HW	0	0	222	0	0	0	0	0	222	0	0	0	0	0	0	0	0	0
HW CW	0	14	4,148	49	5	0	0	0	4,229	0	0	9	0	0	0	0	0	2
HW FDI	0	0	536	0	0	0	0	0	536	0	0	1	0	0	0	0	0	0
HW PLI	0	0	101	0	0	0	0	0	101	0	0	0	0	0	0	0	0	0
PLI SI	0	1	181	0	0	0	0	0	181	0	0	0	0	0	0	0	0	0
SE SX	0	7	105	0	0	0	0	0	112	0	0	0	0	0	0	0	0	0
SS	0	11	84	3	21	0	0	0	148	0	0	0	0	0	0	0	0	0

continued next page

Species Mix	Area (ha)									Percent (%)								
	Biogeoclimatic Zone									Biogeoclimatic Zone								
	CWH	ESSF	ICH	IDF	MS	PP	SBPS	SBS	Total	CWH	ESSF	ICH	IDF	MS	PP	SBPS	SBS	Total
LW HL	0	0	148	0	5	0	0	0	154	0	0	0	0	0	0	0	0	0
LW CW	0	0	127	0	0	0	0	0	127	0	0	0	0	0	0	0	0	0
LW FDI	0	4	988	967	593	0	0	0	2.553	0	0	2	1	1	0	0	0	1
LW PLI	0	40	1.283	573	356	0	0	0	2.252	0	0	3	1	1	0	0	0	1
LW SE	0	35	54	0	0	0	0	0	109	0	0	0	0	0	0	0	0	0
LW SX	0	0	7	0	128	0	0	0	134	0	0	0	0	0	0	0	0	0
PLI	0	2.444	2.076	15.278	16.213	137	17.314	4.743	58.404	0	8	6	20	39	10	79	23	24
PLI AT	0	0	91	439	52	0	417	413	1.412	0	0	0	1	0	0	2	2	1
PLI BL	0	427	106	2	562	0	23	60	1.178	0	1	0	0	1	0	0	0	0
PLI FDI	16	110	4.277	13.287	4.174	270	702	3.150	25.987	32	0	9	17	10	19	3	16	11
PLI LW	0	718	2.185	2.753	3.271	0	0	0	8.927	0	2	5	4	8	0	0	0	4
PLI SE	0	1.077	316	394	3.252	0	49	221	5.308	0	4	1	1	8	0	0	1	2
PLI SX	0	1.801	860	1.097	4.609	0	2.219	4.154	14.690	0	6	2	1	11	0	10	21	6
SE	0	130	331	51	141	0	0	0	652	0	1	1	0	0	0	0	0	0
SE BA	0	265	2	0	0	0	0	0	268	0	1	0	0	0	0	0	0	0
SE BL	0	3.711	442	0	386	0	0	49	4.588	0	13	1	0	1	0	0	0	2
SE FD	0	130	272	13	9	0	0	0	425	0	0	1	0	0	0	0	0	0
SE FDI	0	145	176	113	133	0	0	0	567	0	0	0	0	0	0	0	0	0
SE HW	0	18	151	0	0	0	0	0	169	0	0	0	0	0	0	0	0	0
SE PLI	0	515	50	54	558	0	0	258	1.442	0	2	0	0	1	0	0	1	1
SX	0	1.260	508	98	139	0	208	739	2.952	0	4	1	0	0	0	1	4	1
SX AC	0	2	0	0	0	0	0	150	151	0	0	0	0	0	0	0	1	0
SX BA	0	376	63	0	0	0	0	0	439	0	1	0	0	0	0	0	0	0
SX BL	0	7.606	841	73	549	0	0	1.272	10.240	0	25	2	0	1	0	0	6	4
SX CW	0	47	710	0	2	0	0	19	779	0	0	2	0	0	0	0	0	0
SX FDI	0	90	528	50	97	0	0	274	1.040	0	0	1	0	0	0	0	1	0
SX HW	0	20	106	0	0	0	0	55	182	0	0	0	0	0	0	0	0	0
SX PLI	0	1.566	480	70	1.072	0	154	2.147	5.488	0	5	1	0	3	0	1	11	2
Subtotal	21	29.297	45.171	78.014	41.617	1.411	21.873	19.821	237.226	40	99	98	100	100	100	100	99	99
Other	31	198	901	183	165		42	165	1.685	60	1	2	0	0	0	0	1	1
Total	52	29.495	46.072	78.197	41.782	1.411	21.915	19.987	238.911	100	100	100	100	100	100	100	100	100

Species Mix	Area (ha)									Percent (%)								
	Biogeoclimatic Zone									Biogeoclimatic Zone								
	CWH	ESSF	ICH	IDF	MS	PP	SBPS	SBS	Total	CWH	ESSF	ICH	IDF	MS	PP	SBPS	SBS	Total
AT	0	0	82	17	5	0	21	16	142	0	0	0	0	0	0	0	0	0
AT EP	0	0	80	66	18	0	0	47	231	0	0	0	0	0	0	0	0	0
AT FDI	0	0	18	439	59	0	18	30	559	0	0	0	1	0	0	0	0	0
AT PL1	0	33	136	1,530	202	0	1,155	664	3,719	0	0	0	2	0	0	1	1	2
AT SX	0	0	90	148	76	0	243	207	764	0	0	0	0	0	0	1	1	0
BA	0	721	32	0	113	0	0	1	868	0	7	0	0	0	0	0	0	0
BA CW	0	40	305	0	22	0	0	30	398	0	0	1	0	0	0	0	0	0
BA FDI	0	51	47	0	121	0	0	4	222	0	0	0	0	0	0	0	0	0
BA HW	0	11	161	0	0	0	0	0	174	0	0	0	0	0	0	0	0	0
BA LW	0	46	95	0	58	0	0	0	200	0	0	0	0	0	0	0	0	0
BA PL1	0	797	290	7	575	0	29	357	2,045	0	1	1	0	1	0	0	2	1
BA SE	7	960	167	5	59	0	0	0	1,199	14	1	0	0	0	0	0	0	1
BA SX	0	6,200	273	15	456	0	4	163	7,110	0	21	1	0	1	0	0	1	3
CW	0	12	178	2	5	0	0	0	197	0	0	0	0	0	0	0	0	0
CW BA	0	21	271	4	0	0	0	0	298	0	0	1	0	0	0	0	0	0
CW FD	0	0	81	34	0	0	0	0	115	0	0	0	0	0	0	0	0	0
CW FDI	0	0	1,008	81	3	0	0	0	1,092	0	0	2	0	0	0	0	0	0
CW HW	0	0	1,213	2	0	0	0	0	1,216	0	0	3	0	0	0	0	0	1
CW LW	0	0	181	1	0	0	0	0	183	0	0	0	0	0	0	0	0	0
CW PL1	0	0	183	0	0	0	0	0	183	0	0	0	0	0	0	0	0	0
CW SE	0	0	129	13	0	0	0	0	143	0	0	0	0	0	0	0	0	0
CW SX	0	62	753	1	4	0	0	0	820	0	0	2	0	0	0	0	0	0
EP AL	0	0	126	0	0	0	0	0	126	0	0	0	0	0	0	0	0	0
EP AT	0	0	161	74	19	0	1	26	280	0	0	0	0	0	0	0	0	0
EP CW	0	0	93	36	11	0	0	0	140	0	0	0	0	0	0	0	0	0
EP FDI	0	7	495	161	5	0	0	0	668	0	0	1	0	0	0	0	0	0
EP PL1	0	50	260	184	87	0	17	24	621	0	0	1	0	0	0	0	0	0
EP SX	0	0	178	2	17	0	0	7	204	0	0	0	0	0	0	0	0	0
FDC	0	0	6	3,215	165	10	0	14	3,411	0	0	0	4	0	1	0	0	1
FDC AT	0	0	7	421	96	0	12	61	598	0	0	0	1	0	0	0	0	0
FDC CW	0	0	248	0	34	0	0	0	282	0	0	1	0	0	0	0	0	0
FDC EP	0	0	50	100	70	0	0	11	231	0	0	0	0	0	0	0	0	0

continued next page

Species Mix	Area (ha) Biogeoclimatic Zone									Percent (%) Biogeoclimatic Zone								
	CWH	ESSF	ICH	IDF	MS	PP	SBPS	SBS	Total	CWH	ESSF	ICH	IDF	MS	PP	SBPS	SBS	Total
FDC LW	0	0	48	193	246	0	0	0	487	0	0	0	0	1	0	0	0	0
FDC PLI	0	0	66	1,342	126	0	0	56	1,590	0	0	0	2	0	0	0	0	1
FDC SE	0	0	88	66	0	0	0	0	155	0	0	0	0	0	0	0	0	0
FDC SX	2	0	241	127	212	0	0	47	629	5	0	1	0	1	0	0	0	0
FDI	0	106	677	10,861	1,091	148	307	567	19,757	0	0	1	22	3	10	1	3	6
FDI AC	0	0	135	5	3	0	0	0	143	0	0	0	0	0	0	0	0	0
FDI AT	0	1	441	2,592	312	0	305	249	3,900	0	0	1	3	1	0	1	1	2
FDI BA	0	11	181	184	360	0	0	65	781	0	0	0	0	1	0	0	0	0
FDI CW	0	0	2,987	314	72	0	0	0	3,368	0	0	6	0	0	0	0	0	1
FDI EP	0	12	1,025	1,034	126	0	0	215	2,411	0	0	2	1	0	0	0	1	1
FDI HW	0	1	986	32	0	0	0	0	1,020	0	0	2	0	0	0	0	0	0
FDI LW	0	56	2,168	6,809	1,714	0	0	0	10,547	0	0	5	8	4	0	0	0	4
FDI PLI	0	130	2,723	14,521	1,685	932	482	804	20,677	0	0	6	19	3	66	2	4	9
FDI SE	0	0	354	107	67	0	0	0	527	0	0	1	0	0	0	0	0	0
FDI SX	0	80	1,044	4,629	1,046	0	199	1,024	7,822	0	0	2	6	3	0	1	5	3
HW BA	0	7	102	0	0	0	0	0	109	0	0	0	0	0	0	0	0	0
HW CW	0	14	1,784	0	0	0	0	0	1,798	0	0	4	0	0	0	0	0	1
HW FDI	0	0	414	0	0	0	0	0	414	0	0	1	0	0	0	0	0	0
HW SX	0	6	107	0	0	0	0	0	113	0	0	0	0	0	0	0	0	0
LW	0	343	423	209	617	0	0	0	1,584	0	1	1	0	1	0	0	0	1
LW AT	0	0	204	23	84	0	0	0	310	0	0	0	0	0	0	0	0	0
LW BA	0	80	19	0	16	0	0	0	135	0	0	0	0	0	0	0	0	0
LW CW	0	31	417	3	20	0	0	0	471	0	0	1	0	0	0	0	0	0
LW EP	0	0	69	32	34	0	0	0	135	0	0	0	0	0	0	0	0	0
LW FDC	0	0	4	26	117	0	0	0	147	0	0	0	0	0	0	0	0	0
LW FDI	0	30	1,113	1,656	801	0	0	0	3,600	0	0	2	2	2	0	0	0	2
LW PLI	0	50	628	303	474	0	0	0	1,456	0	0	1	0	1	0	0	0	1
LW SX	0	66	162	52	133	0	0	0	414	0	0	0	0	0	0	0	0	0
PLI	0	752	915	4,028	7,327	13	7,991	1,075	22,102	0	3	2	5	18	1	36	5	9
PLI AC	0	40	265	30	153	0	41	261	790	0	0	1	0	0	0	0	1	0
PLI AT	0	58	557	5,510	2,332	0	5,999	1,702	16,158	0	0	1	7	6	0	27	9	1
PLI BA	0	2,594	788	270	5,870	0	102	1,413	10,997	0	9	2	0	14	0	0	7	5

continued next page

Species Mix	Area (ha)									Percent (%)								
	Biogeoclimatic Zone									Biogeoclimatic Zone								
	CWH	ESSF	ICH	IDF	MS	PP	SBPS	SBS	Total	CWH	ESSF	ICH	IDF	MS	PP	SBPS	SBS	Total
PLI CW	0	8	518	273	0	0	0	26	825	0	0	1	0	0	0	0	0	0
PLI DR	0	0	47	60	43	0	0	0	150	0	0	0	0	0	0	0	0	0
PLI EP	0	11	677	190	117	0	194	436	1.627	0	0	1	0	0	0	1	2	1
PLI FDC	0	3	66	307	181	0	197	150	869	0	0	0	0	0	0	1	1	0
PLI FDI	5	103	3.978	6.670	1.678	308	238	1.118	14.098	9	0	9	9	4	22	1	6	6
PLI HW	0	7	185	0	0	0	0	0	187	0	0	0	0	0	0	0	0	0
PLI LW	0	68	950	999	1.767	0	0	0	3.783	0	0	2	1	4	0	0	0	2
PLI SE	0	341	112	114	492	0	0	43	1.101	0	1	0	0	1	0	0	0	0
PLI SP	0	2.243	1.211	997	7.710	0	3.694	4.300	20.154	0	8	3	1	18	0	17	22	8
SE	0	258	135	22	3	0	0	0	418	0	1	0	0	0	0	0	0	0
SE AC	0	71	65	0	0	0	0	0	135	0	0	0	0	0	0	0	0	0
SE BA	21	1.466	164	3	79	0	0	0	1.634	45	5	0	0	0	0	0	0	1
SE CW	0	19	655	8	0	0	0	0	678	0	0	1	0	0	0	0	0	0
SE HW	0	33	133	0	0	0	0	0	166	0	0	0	0	0	0	0	0	0
SE PLI	0	77	5	1	51	0	0	0	134	0	0	0	0	0	0	0	0	0
SX	0	1.634	505	30	232	0	55	564	3.000	0	5	1	0	1	0	0	4	1
SX AC	0	255	198	5	1	0	7	332	797	0	1	0	0	0	0	0	2	0
SX AT	0	351	361	104	136	0	161	663	1.760	0	1	1	0	0	0	1	3	1
SX BA	0	6.308	1.040	61	760	0	6	594	8.828	0	22	2	0	2	0	0	3	4
SX CW	0	65	2.198	37	5	0	0	8	2.313	0	0	5	0	0	0	0	0	1
SX EP	0	15	343	14	7	0	0	85	464	0	0	1	0	0	0	0	0	0
SX FDC	0	0	109	14	59	0	5	18	196	0	0	0	0	0	0	0	0	0
SX FDI	0	40	531	597	249	0	46	298	1.756	0	0	1	1	1	0	0	1	1
SX HW	0	39	1.066	0	0	0	0	24	1.129	0	0	2	0	0	0	0	0	0
SX LW	0	4	84	41	92	0	0	0	221	0	0	0	0	0	0	0	0	0
SX PLI	0	2.420	862	264	1.226	0	379	2.098	7.249	0	8	2	0	3	0	2	10	3
Subtotal	38	29.214	44.722	77.902	41.616	1.411	21.839	19.898	236.639	71	99	97	100	100	100	100	100	99
Other	14	281	1.351	295	167	0	76	89	2.272	27	1	3	0	0	0	0	0	1
Total	52	29.495	46.072	78.197	41.782	1.411	21.915	19.987	238.911	100	100	100	100	100	100	100	100	100

APPENDIX VI. DEFINITION OF FREE GROWING AND WHY IT IS IMPORTANT

What is "Free Growing" and Why is it Important?

The time period commonly referred to a "Free Growing" is a snapshot along the progression of stands through the rotation; from denudation to a condition suitable for future harvest. "Free Growing" is a milestone that has been created to ensure that stands are progressing along the anticipated trajectory that was determined prior to, or after, denudation. The use of the term "Free Growing" has different connotation depending on the intent of the future management and the legal obligations associated with the original harvest of the site.

Since October 1987, the Free Growing milestone has been used as the indicator of the obligations from the licence holder back to the Crown. However, for areas that were harvested prior to October 1987, the term "Free Growing" can denote various conditions or strategies for future stand management. The intensity and veracity of the information behind the declaration of "Free Growing" on these older openings varies dramatically depending on the intent of the survey or assessment that was undertaken. As an example, they met the stocking standards in place at the time of the declaration, that they met the "backlog stocking standards" in place at the time of declaration, it is not practical to treat the area and no future treament is anticipated, or it may mean something else in the context of the management decision at the time of declaration. Any comparison of current conditions to past declaration must strongly consider the implications of the difference in Free Growing declarations between these periods.

In light of the differences depending on the harvest date above, Free Growing is important for different reasons for each of these different periods of harvest. For those blocks harvested after October 1987 "Free Growing" indicates that the stand is sufficiently stocked with ecologically suitable and commercially valuable species that are relatively free of significant forest health factors. Free Growing declarations on blocks harvested before October 1987 is an indication that no further treaments or in-depth assessments are required and that the area is to be included in future inventory update processes. Examples of this are that these determinations can be based on the fact that the area is adequately stocked with ecologically suited and commercially valuable species, it is adequately stocked but impeded by non-commercial species; however, it is not practical to treat, or the area is not stocked but further treatment is impractical.

FREP

Tree Species Composition and
Diversity in British Columbia

Report No.14
August 2008

© 2008 Province of British Columbia

Forest and Range Evaluation Program
B.C. Ministry Forests and Range, Victoria, B.C.

For more information about the Forest and Range Evaluation Program, visit our website: http://www.for.gov.bc.ca/hfp/frep

BRITISH COLUMBIA
The Best Place on Earth

FREP
Forest Range Evaluation Program

National Quality Institute Certified